

# Memoranda

Sic # 5 1964  
Christmas Is, June 16-17  
Malden Is., June 22-24  
Starbuck Is., June 26  
Hull Is., July 8  
Phoenix Is., July 13-20  
Baker Is., July 21  
Howland Is., July 22



✓ ~~ADP~~ - CPH

Done 10/19/68  
CPH



Expense Account  
for ATF Trip

for Douglas E. Gill

Received \$ 2.50 cash  
390.00 Traveler's checks

Paid \$ 3.75 taxi  
.75 luggage  
.75 tip  
.75 telegram  
.60 lunch

29 May 1964

1.50 lunch  
1.10 breakfast  
1.00 sunglasses  
.92 lunch  
1.54 suntan lotion

30 May .14 papaya  
.10 coke



30 May

1.50 breakfast

1.33 lunch

9.27 2 M. meals

2.<sup>35</sup>~~10~~ dinner

1 June

27.96 Room

1.95 lunch

5.98 underwear

2.07 belt

3 July

1.58 Vitamins pills

10.10 2 books and  
10 postcards

4 July

.30 ice cream

5 July

2.20 lunch (crap)

6 July

9.50 books

.70 2 caps

.30 cokes.

15 June 1964 Christmas Isl.

544-46001

- 100

101

- 200

514-76483 01

544-46016 minutes

-46061 "

malformed! 46089  
right leg banded on left

46148 minutes  
177 minutes

wednesday

605-20101



Christmas Island

Motu Upua 16 June 1964

544 - 48001 - 100 GI

~~101~~ - 200 GI

201 - 300 GI

301 - 400

401 - 500

Together

(paired)

514-79635 C.I.

514-79897 C.I.

514-79892 C.I.

514-79670 C.I.

514-77263 C.I.

514-79662 C.I.

514-79593 C.I.

514-77211 C.I.



Christmas Island  
Motu Upua

17 June 1964

Wegatahals 615-04201

005-20115 WT



Malde Island

22 June 1964

25 nesting Boobies  
36 mixed Shrikes  
Tattlers, Plover  
Limestone (?)

757 - 64568 New

68- ~~Sandwich~~ F  
with nestling

74 M.  
with nestling + mate  
757 - 66123 New

757 - 64598 ♂ on New  
2 eggs



{ 599 ♀ on 2 eggs  
 600 ♂ on 2 eggs

Malden Island 23 June 1960

757-62063 -

nestly  
 Blue-faced Booby

757-62063 →

64 - nestly

65 - "

66 - "

67 - "

68 - nestly

69 - "

70 - "

71 - "

72 - "

73 - "

74 - "

75 - nestly

76 - nestly

77 - "

78 - "

79 - "

80 - "

81 - "



Great Frigate Bird <sup>nestling</sup>  
747-57332 →  
350

747-57351-

Red-footed Booby <sup>nestling</sup>

52

"

53

"

47

"

54

"

55

"

56

"

57

"

747-57358 - Great Frigate  
the 382 <sup>nestling</sup>

383 → 400  
adult ♂♂ Great  
on egg

at nest

757-62401 <sup>nest</sup>

401 ♂ } 2 eggs

402 ♀ }

403 ♂ }

404 ♀ }

405 ♀ } 2 eggs

406 ♂ }

407 ♂ } 2 eggs

408 ♀ }

409 H. } 1 nestling

409 F. }

757-62064

410 ♀ } 2 eggs

411 ♂ }



412 ♀ } 1 young  
413 ♂ } nestling

414 ♀ → 2 eggs

415 ♀ → 1 egg

416 ♂ → 2 eggs

417 ♀

418 ♂ } 2 day old

419 ♀ } chick

420 ♀ → 2 eggs

421 ♂ } 1 young

422 ♀ } chick

423 ♀ } nestling

424 ♂ } nestling

425 chick }

426 ♀ } 2 eggs

427 ♂ } 2 eggs

428 ♀ } 2 eggs

429 ♂ } 2 eggs

30 ♀ } 1 small

31 ♂ } chick

432 ♀ } 1 young  
433 ♂ } chick

461 ♀

462 ♂ } 2 eggs

463 ♀

464 ♂ 2 eggs

465 ♂ } 1 young

466 ♀ } chick

467 ♂ } 1 nestling

468 ♀

757 02075 } chick

469 ♀

470 ♂



491	♂	}	1 young
492	♀		chick
493	♀	}	2 eggs
494	♂		
495	♀	}	2 eggs
496	♂		
497	♂	}	1 young
498	♀		chick
499	♂		
500	♂		

Malden Island

24 June 1964 night

B. F. Book

757 - 64201



Starbuck Island

26 June 1964

Sooty Tern

753- 38701 → 800

{ 753- 38901 → 39000

{ 753- 06001 → 06500

---

27 June 1964

Sooty Tern

753- 55001 - ~~55500~~

753- 55501 - 6000



8 July 1964  
753 - 51201 - 300 DEG  
753 - 51301 - 400 CDH  
753 - 51401 - 500 FS

Sooty Tern  
Hull Island

753-53001 thru 53500  
753-53501 thru 54000

---

12 July 1964  
Phoenix Island

Sooty Tern  
793-56001 - 567000

743 = 36154  
793-57701 - 800  
- 57901 - 58000



✓ ADP  
13 July 1964  
Phoenix Island

Lesser Frigate ♀ 747-56601  
thru 648

+ 648 649 650  
699

✓ Blue-faced Booby ♀ on one egg  
737-51247

✓ ♀ - 737-26161 on small  
chick

✓ ♂ 737-48089 on 2 eggs

✓ ♀ 737-~~261~~ 261 37 on one  
egg

✓ ♀ 737-48075 one ch



✓ADP

✓370 22045 ♂ on <sup>1 egg</sup>

band by nest

✓23940 ♂ on (egg)

Sooty Tern

793 - 59001 - 59500

Phoenix ✓ADP

13 July 1964

Blue-footed Booby

{ 735-48225 ♀ ✓

51477 ♂ ✓ marked

{ 757-67840 chick ✓



McKean Island  
19 July 1964

~~Sooty Tern~~

~~793-66001-  
66500~~

~~723-66914~~

~~723-67339~~

~~743-38014~~

723-66764

743-34946



✓ADP

✓21570

♀

✓23700

♀

2 eggs  
mats  
banded

✓22956

♀

McKean Island

20 July 1964

Blue-faced Booby Ch

157-64422

422 subadult

423

?

424

2

425

1

2

426

♀

427

♀

428 subadult

429

♀

430

♀

431

subadult

432

♀

2 eggs

433

?

434

subadult

435

♀

436

♀

437

subadult



438 subadult CP

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

?

♀

♀?

F

F

S

F

F

F

S

F

5

F

S

F

F



~~Phoenix Island~~

McKean

✓ ADP

456 S

457-458 F

459 F

460-462 S

49433 F ✓

20325 F ✓

63 S

64 F

65 F

20341 F ✓

22848 F ✓

66 S

~~66~~

51179 F ✓

467 F

22492 F ✓

July 20

468 F

469 S

470 S

21031 F ✓

471 F

472 F

21467 S ✓

28962 S ✓

21439 F ✓ Ends

473 F

474-476 S

477 M

478 S

479 F

480 S



✓ADP July 20

481 S

482 F

20345 S ✓

483 M

52902 M ✓ Ends

484 F

485 - 487 S

488 ?

489 - ~~490~~ M

490 F

491 F

492 F

52889 F ✓

493 S

494 F

✓ADP

495 - 496 ~~497~~ F

21429 F ✓

497 F

498 F

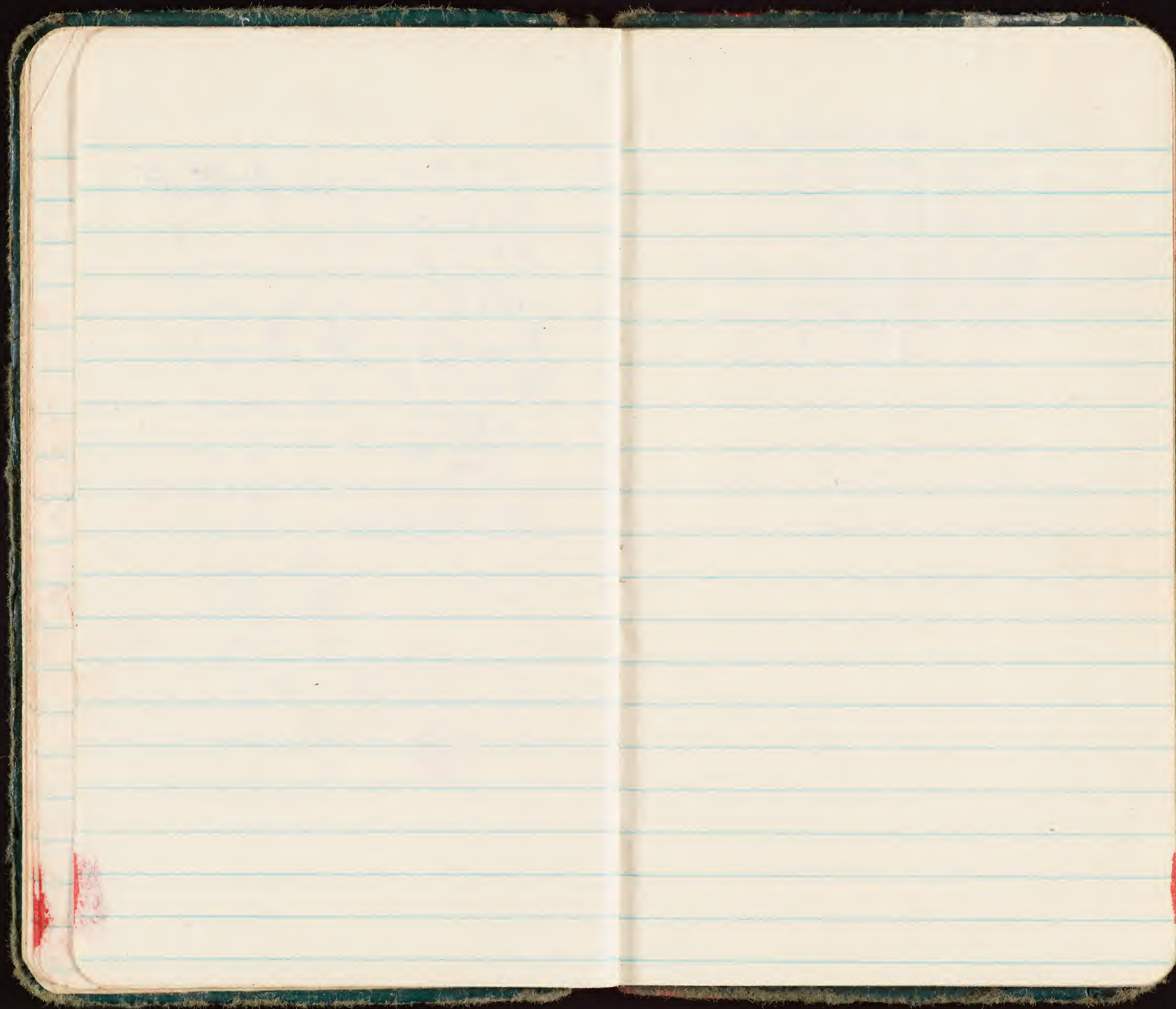
23689 ~~23689~~ ? ✓

26109 F ✓

499 S

500 F







753-35185

-02133

-35171

743-58106

-37350

58125

Baker Island

21 July 1964

793-72001

006

007

008

009

} Adult C. Noddy

001-005 nestly

010-063 nestly



✓ ADP

735-

✓ ♀

25833

1 small chick

2 (I was about a cleared area  
but nothing in the nest)

Hawland Island

22 July 1964

Blue-faced Booby

Eggs: 1 cant. 1 egg: IIII

① III

② IIII IIII

Chick: 00000

00000

00000

00000

00000

000

000

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000

000

IIII

IIII

IIII

IIII

IIII

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0000

0000

0000

0000

IIII

IIII

IIII

IIII

IIII

Total Nest Count

{ 1 cant

{ 1 egg

1 egg

2 eggs

④

③

⑩

Total Chicks

①

⑤3

bandable

③4

②

1



Brown Body

1 chrl small

1 M. B painted orange

1 chrl

1 sep

||

Cappin

① ||| 1

⑥

② ||| ||| ||| |||

①9

Thick

④

|||

|||

|||

|||

|||

|||

5°

|||

|||

|||

|||

⑤0

② ||

③7°



✓ ADP Howland Island  
23 July 1964

✓ 20777 ♂ 1 chx  
✓ 23549 ♂ 1 chx  
✓ 39576 ♀ 2 eggs  
✓ 53489 ♀ 1 egg  
✓ 23610 ♀ 1 chx  
♂ unband  
✓ 53125 ♂  
✓ 20788 ♂

# 8 bands  
~~200~~

~~spare cot~~

~~Burlesi~~

~~loop road~~

~~can jam~~

~~apples + orange~~

~~birds in freezer~~

~~hand saw~~





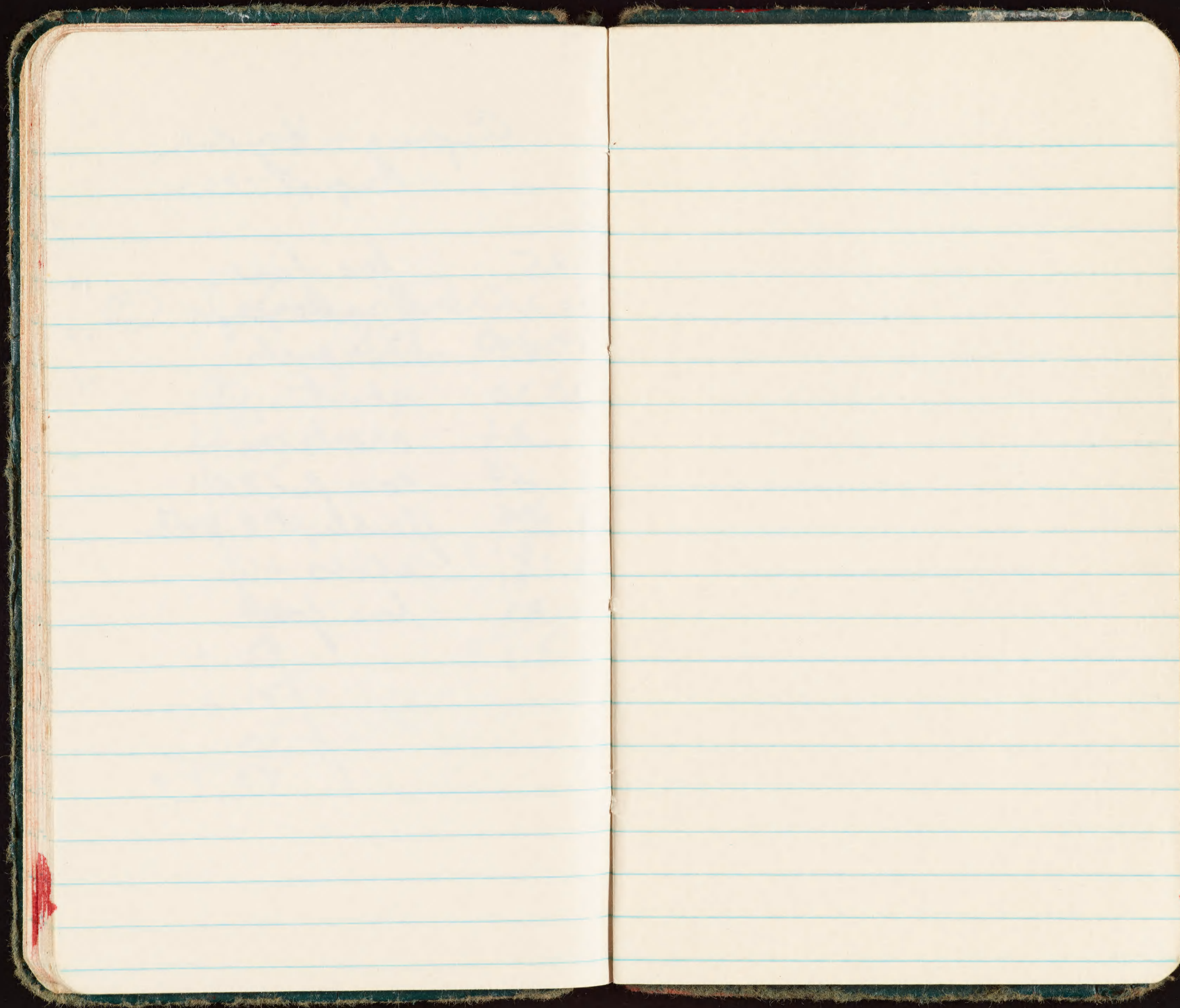
Lalam Station  
 Leans locked }

<del>.25</del>	
<del>10.25</del>	
<del>13.85</del>	
<del>10.30</del>	25
<del>.26</del>	115
<del>.44</del>	10
<del>1.59</del>	15
<del>6.18</del>	<hr/> 765
<del>.25</del>	
4,337	

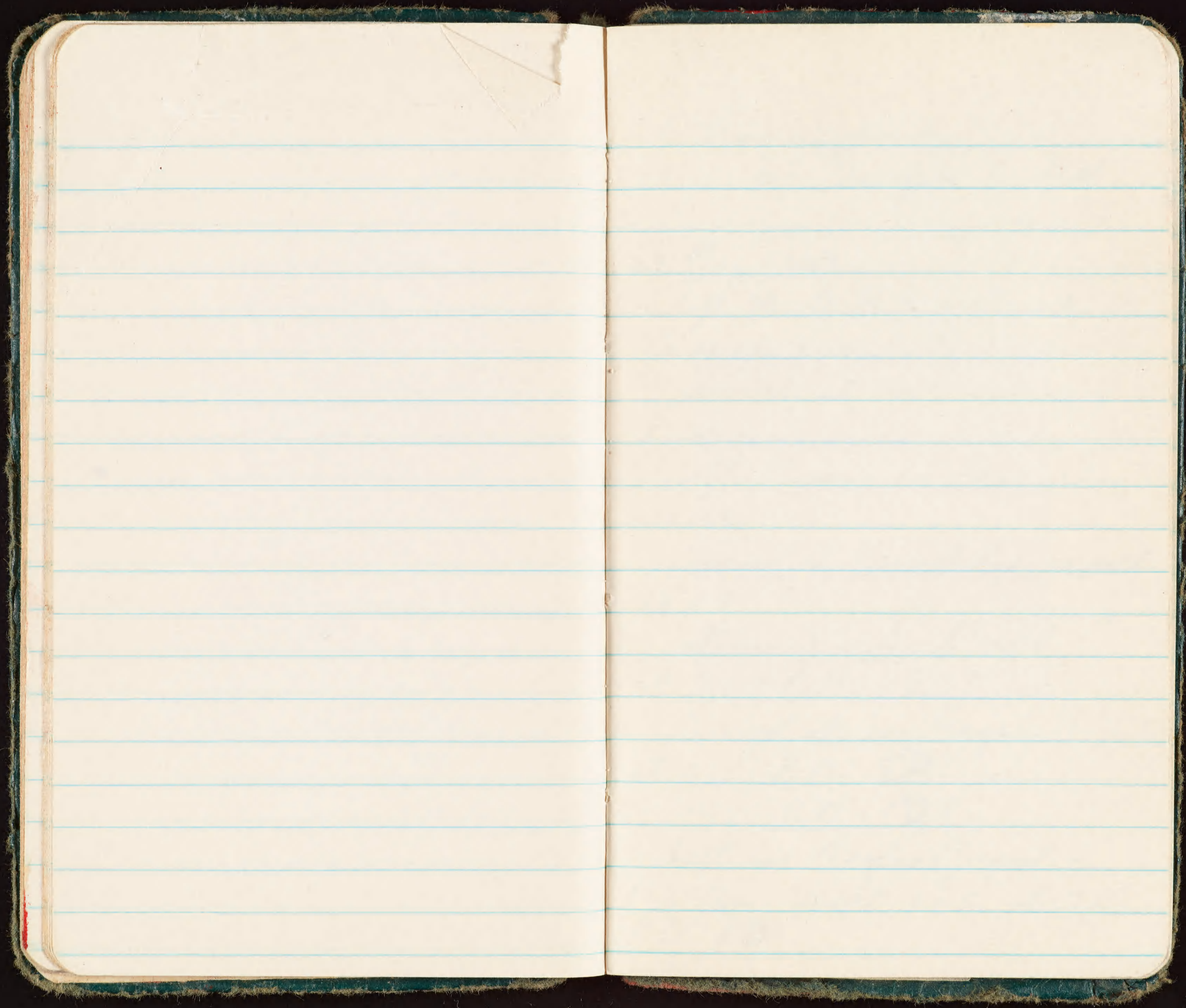
Expenses in Honolulu  
 1 August 1966

# .25	bus fare	19
10.25	Rapitographs (2)	20
13.85	Pack packs.	21
10.30	shirts (3)	
.26	shoelaces	
.44	coin purse	
1.59	flashlight & battery	
6.18	shoes.	
.25	bus fare.	











Time Schedules  
for Douglas P. Bill

29 May 1964.

Left the  $\Phi$   $\Sigma$   $\kappa$  fraternity  
house at 8:00 A.M.

Arrived at the Museum at  
9:00

Left Museum in taxi at  
10:50

Arrived at Friendship airport  
12:05

Left on TWA flight <sup>R</sup>61  
at 3:00 P.M. EST,

Arrived at Los Angeles Airport  
at 7:55 P.M. EDT or

4:55 P.M. PDT

Left Los Angeles Airport on  
Pan Am flight <sup>B</sup>825 at 7:00  
P.M. PDT.

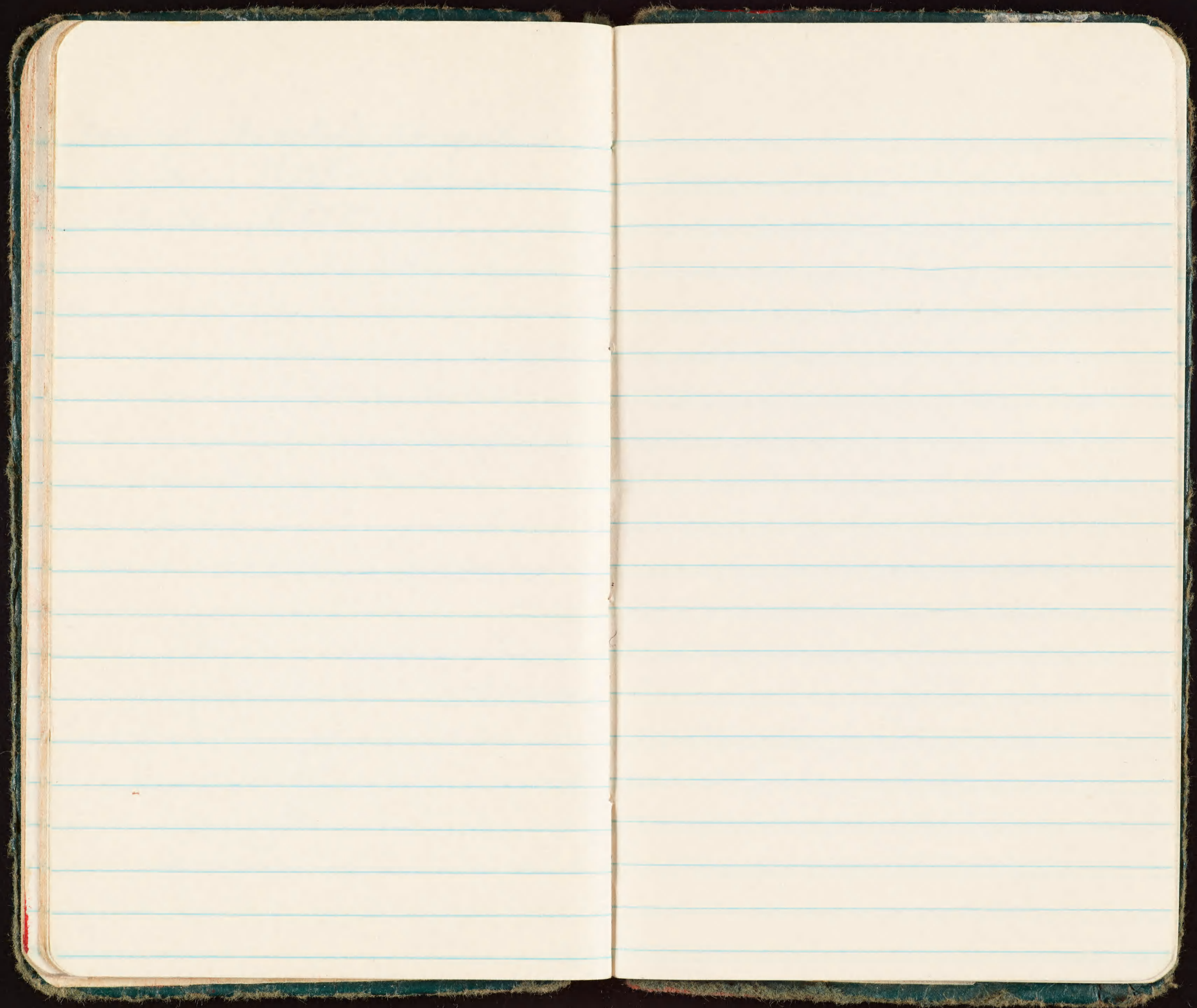


arrived Honolulu Airport at

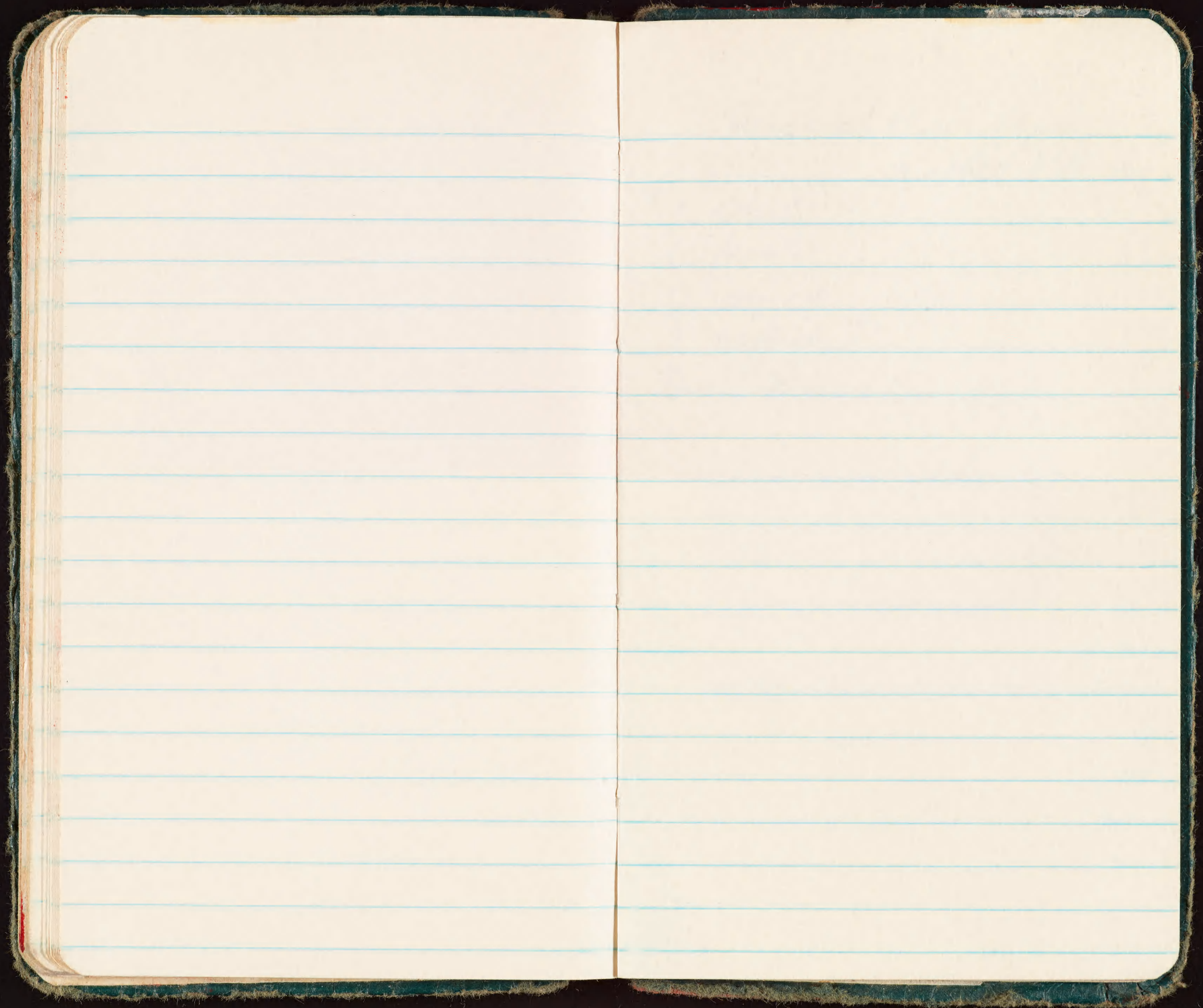
9:30 HST or

12:30 PDT.









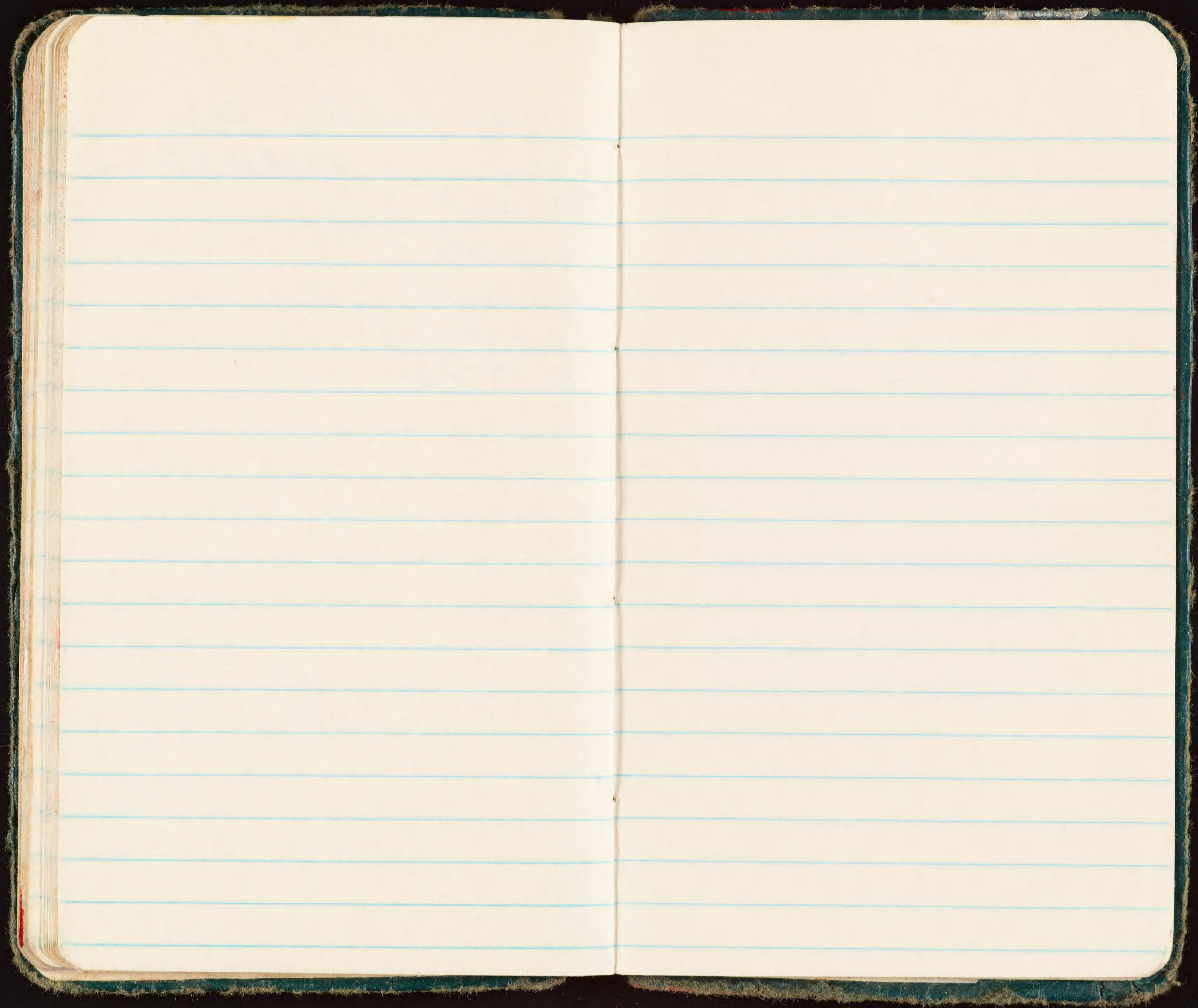


Personal Box Meno

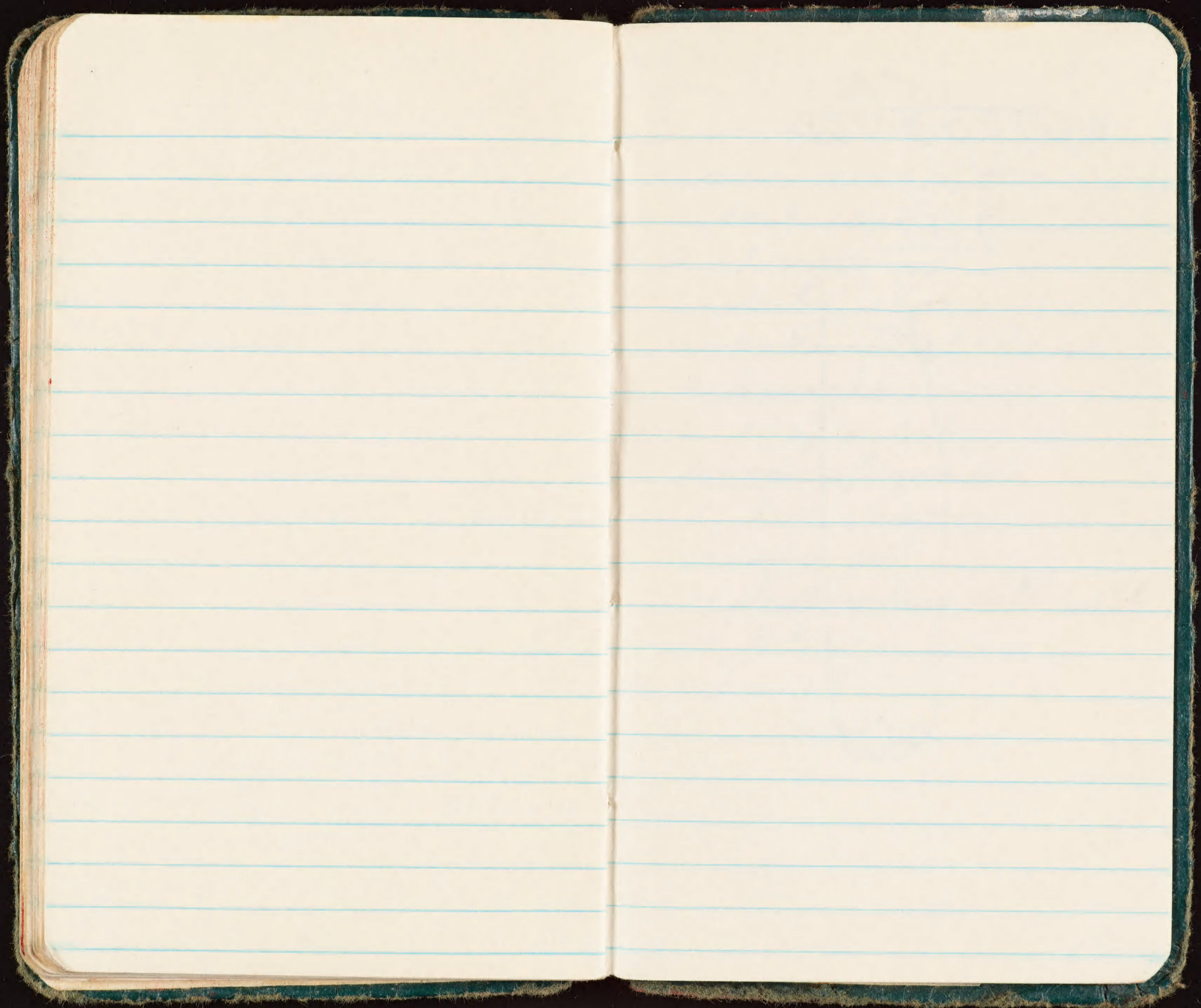
+ what I'll wear

- 1 shirt
- 1 pants
- 2 scrub
- 1 undershirt
- 2 socks



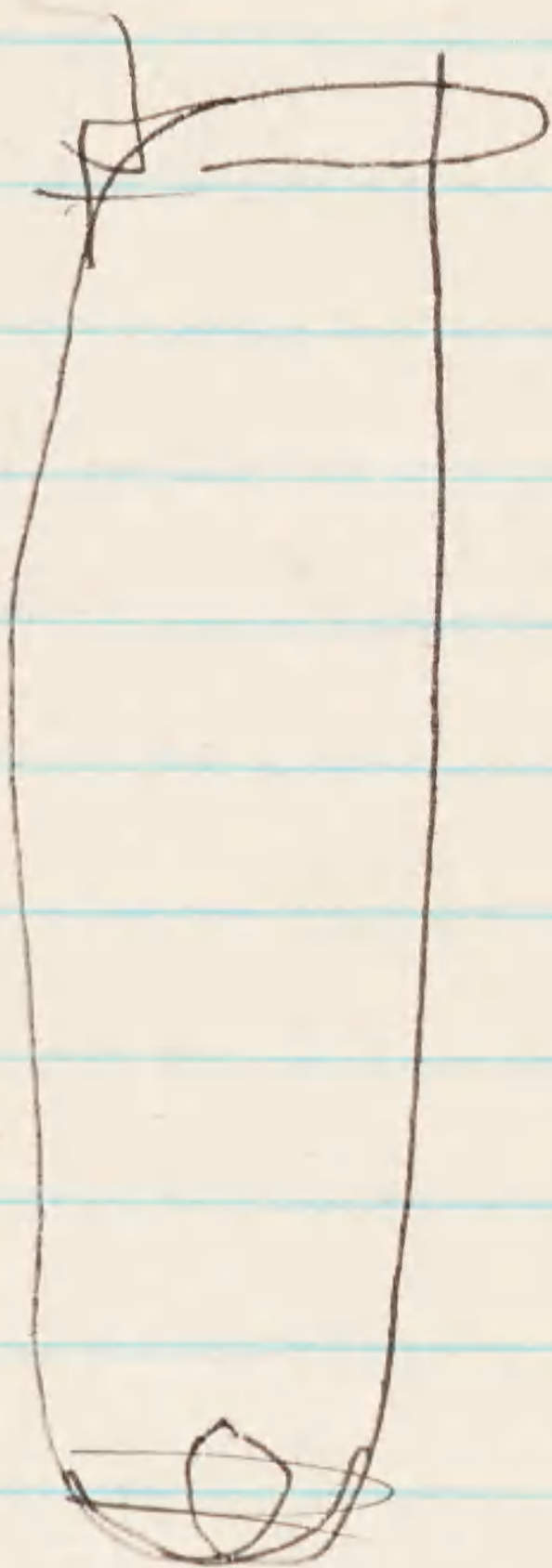








$$\begin{array}{r}
 154 \\
 65 \overline{) 1000} \\
 \underline{65} \phantom{00} \\
 350 \\
 \underline{325} \\
 250
 \end{array}$$



Box # 2

- 1 hand rope
- 2 Twine
- 1 plastic rope
- 2 brushes (tent cleaners)
- 2 sponges
- 1 soap + dish
- 1 can of gasoline
- 1 hand cleaner
- 1 coffee pot
- 1 plastic container salt tablets
- 1 Slem



1 box batteries from trunk.

#4 bands all 8

check eyes in front

ice chest, ice, test tube rack,  
~~mail~~ mail.

test tube rack



ATT Band Box in Fred's room  
(also Clothe (H locker)

several sigs of dresses

~~2 boxes & rationis~~

~~+ loaf of bread.~~

1 case { batteries for navigation light  
in trunk afterhold.  
put to Mr. Byers.

1 loaf bread.

## Box 2 Camp Supplies A

- 1 hank rope ✓
- 2 rolls Twine ✓
- 1 Hand Cleaner ✓
- 2 Tent Cleaner (Brush) → 1 ✓
- 4 soap box #1
- 1 big lantern for camp use
- 2 Sponges ✓
- 2 Musseth bags.
- odds + ends from box 1

## Box 2

Tent Brush

Gasoline - check each island

Store

Coffee Pot

Hand cleaner



A  
(a  
se  
+  
care







**7530-222-0078**  
**FEDERAL SUPPLY SERVICE**



# Memoranda

SIC # 5      1964  
Phoenix Is., July 10-13  
Enderbury Is. July 15-17  
McKean Is., July 18-19  
Christmas Is., June 18-19  
Malden Island, June 24



XX

Adopt

Done 10/19/68  
CPT



747-55201

- 275

nest 6 June 1964  
on Red-footed Boob

747-56280

-

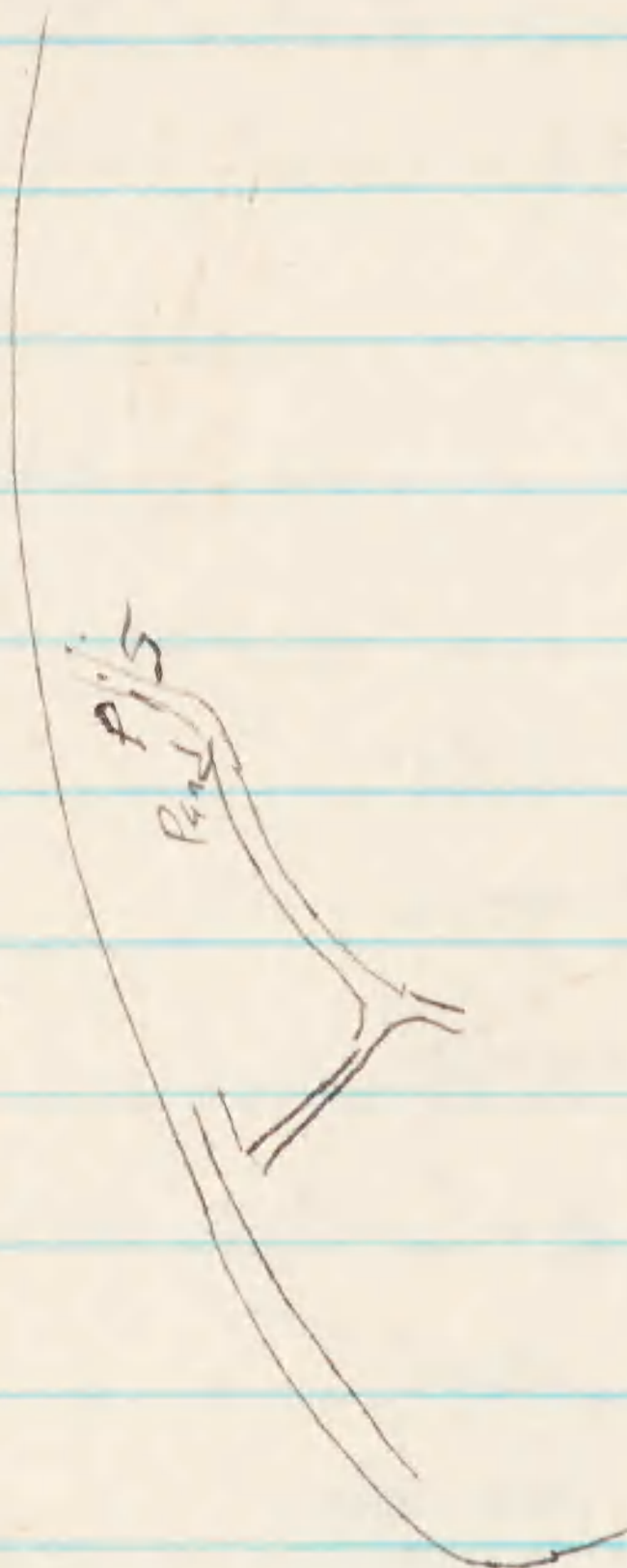
-286 immature



Honolulu Island  
10 July 1964

♀ Blue-face Booby ADP  
1737-48094

on 1 egg & 1 young (1 day old)  
not incubated





901  
924  
927  
931  
936

~~655~~ Christmas Island  
~~the~~ Motu Tabu  
18 June 1964

652 - 447 27 - 750  
Fairy Tern

452 - 447 52 - 800  
Hawaiian Noddy <sup>nestling</sup>

544 - 479 01 - Chickadee  
490 00

<del>924</del>	Im. C.T
<del>943</del>	Im C.S
<del>931</del>	Im C.T
544 - 107 75	Phoe Is
<del>946</del>	Im - C.T
<del>941</del>	Im C.T
<del>936</del>	Im C.T
<del>927</del>	Im C.T



544-10653

514-77964

544-10628

514-75874

514-79810

514-75858

514-75873

514-75852

514-75840

got	Chr.	I.	Fn
<del>993</del>	"	"	"
<del>979</del>	"	"	"
<del>950</del>	"	"	"

953 " " " "

991

544-10927 C.I. rec

969 " " " "

---

544-49501-50, 1

517 right leg missing ADP  
below ankle bones  
on left leg

514 + Immature

502 immature

598 "

551 "



544-49901 → Ch. I

723-44487

753-39652 ADP  
no right leg below knee  
banded left leg

763-34745

Cook Island  
Christmas Island

19 June 1964

652-41301-400

nestling Hawaiian  
Noddies

652-41601-700  
nestling "

753-03501-600

Sooty Tern

753-03601-700

Sooty Tern

753-03901-4000

Sooty Tern



Marshall

Sooty

753 - 031010

200

05601

700

753 0570P



Malcolm Island

24 June 1964

757-62101 - same

101 nestly BFB

102 " "

103 " "

104 " "

105 ♂ → 1 egg

106 ♂ }

107 nestly }

108 ♀ 2 eggs

109 chick }

110 ♂ }

111 ♂ on 1 egg +  
chick, chick

112 2 eggs

113 chick nestly

114 ♂ → 2 eggs



115 F 2 eggs  
116 N  
117 M 2 eggs  
118 N  
119 W  
120 N  
121 F 2 eggs  
122 M chick  
123 F chick  
124 F 2 eggs  
125 M 2 eggs  
126 N  
127 M chick  
128 Brown Booby chick  
129 M 1 egg  
130 Brown Booby chick  
131 F 2 eggs  
132 M 2 eggs  
133 Brown Booby chick

34 Brown Booby chick  
35 Brown Booby chick  
36 Brown Booby chicks  
37 M 1 egg  
38 F } nestling  
39 N }  
40 Brown Booby chick  
41 Brown Booby chick  
42 Brown Booby chick  
43 " " "  
44 " " "  
45 N  
46 M 2 eggs  
47 M chick  
48 F with N # 53  
49 Brown Booby chick  
50 " " "  
51 " " "  
52 " " "



757-62-153 N

54 F chick

55 F chick

56 F ~~2~~ chick

57 M chick

58 F 2 eggs

59 N } chick

60 M }

61 M chick

62 F chick

63 M 2 eggs

64 F 1 egg

65 M 1 egg

66-71 N

72-74 N

75 Brown Body chick

76-84

95 F

Red-tailed Tropic Bird

605-20061 N

62 A 1 egg

96 F 2 eggs

97 F 1 egg

98 M chick

99 F 1 egg

200 F 2 eggs



10 July 1964

Phoenix Island  
Blue faced Boobies  
737-42094 ✓

♂ 773 - 22067 } ADP  
♀ 737-51202 } Lyons

737-26062 ♀ } ADP  
immature ♂ } 2 eggs

11 July 1964

Phoenix Island

544-45101 - 45200

Christmas Island Shearwaters

743-35508 - Audubon's

743-35522 - Audubon's

514-76016 - C.I.

544-12939 - C.I.

534-41503 - C.I.

544-12935 - C.I.



534 - 41506 C.I.

544 - 12942 C.I.

534 - 41507 - C.I.

743 - 37076 Audubon's

534 - 41508 C.I.

534 - 41519 C.I.

514 - 76001 C.I.

514 - 76023 C.I.

514 - 76039 C.I.

753 - 50008 Audubon

544 - 12953 C.I.

743 - 35545 Audubon

753 - 50003 Audubon

544 - 12955 C.I.

753 - 02204 Audubon's

743 - 37020 Audubon's

743 - 35541 Audubon

514 - 76031 C.I.

753 - 37051 Audubon's

514 - 76041 C.I.



743-37019	Audubon
514-76051	C.I.
514-76035	C.I.
544-12966	C.I.
544-12967	C.I.
514-76050	C.I.
743-35569	Audubon's
544-12968	C.I.
743-37006	Audubon
544-12971	C.I. } for
514-76044	C.I. }
514-76166	C.I.
514-76048	C.I.
534-41529	C.I.
743-35572	Audubon's
544-12973	C.I.
753-37045	Audubon's
534-41531	C.I.
743-35890	Audubon's
544-12974	C.I.



Sooty Tern

753-68501 → 69000

544-12988

514-76160

14 July 1963 ~~1964~~ 1964 should be.  
Enderbury Island

625-85401-506

Red billed Tropicbird

- 401 nestling under foil
- 402 adult on 1 egg behind Δ
- 403 adult on 1 egg ( $\frac{1}{8}$  mile)
- 404 chick (2 lighters) out
- 405 adult on 1 ~~downy~~ young chick  
out from trunk



406  
 407  
 408  
 409  
 410  
 411  
 412  
 413  
 414  
 415



- 406 adult on 1 egg back  
 from long log  
 407 adult on 1 egg back  
 from thick log  
 408 adult on 1 egg to right  
 of thick log (100 feet)  
 409 adult on 1 egg 50  
 feet to right of wooden cabin  
 410 adult on 1 egg on beach  
 below last entry  
 411 adult on 1 egg 75  
 feet behind & to left of beam pile  
 412 adult on 1 egg 30 feet  
 behind & to right of beam pile  
 413 adult on 1 egg out from beam pile  
 414 adult on 1 egg 200 ft to  
 right of beam pile  
 415 adult on 1 egg near 20 foot  
 log on beach



✓ ADP

recovery

✓ 595-63368 - adult on  
1 egg <sup>30</sup> feet from 416

✓ 595-63320 adult on  
downy chick 50 feet from  
434

416 adult on 1 egg  
150 feet down beach and up from 415

416 adult on nothing  
150 straight back from 415

417 - 422 → Lays

417 adult on 1 egg

423 chick 50 feet to right of  
416

419 chick on nest of 416

418 adult on 1 egg

420 adult on 1 egg 100 feet  
back from 415

421 adult on 1 egg

422 adult on 1 egg

423 adult on 1 egg

424 adult on 1 egg 100 feet  
on beach to left of 416



425 chick 50 feet <sup>to left</sup> from 426

426 chick 20 feet from 428

427 chick 50 feet from 418

428 - adult on 1 egg 100 feet  
behind 432

429 - adult on downy chick  
50 feet from 427 down beach

430 - chick 200 feet back of 429

431 - adult on 1 egg  
200 feet back of 432

432 - adult on one egg 100 feet  
down beach from 429

433 - adult on downy chick  
which was <sup>grey</sup> sooty above  
12 feet from 429

LH



434 adult on 1 egg 12 feet  
from 432

435 adult on 1 egg 75 feet  
behind 434

436 - adult on egg

437 - adult on chick 20 feet  
from 440

438 - chick of 437 down  
grassy

439 - chick of adult 595-63330

440 - adult on egg

441 - chick 100 feet down beach  
from 439

442 - chick 50 feet from 441

443 - chick 20 feet from 442

LH



Enderbury Island

15 July 1964

625-85601 - 200

601 A legs

602

603

604

605

606

607

608

609

610

611

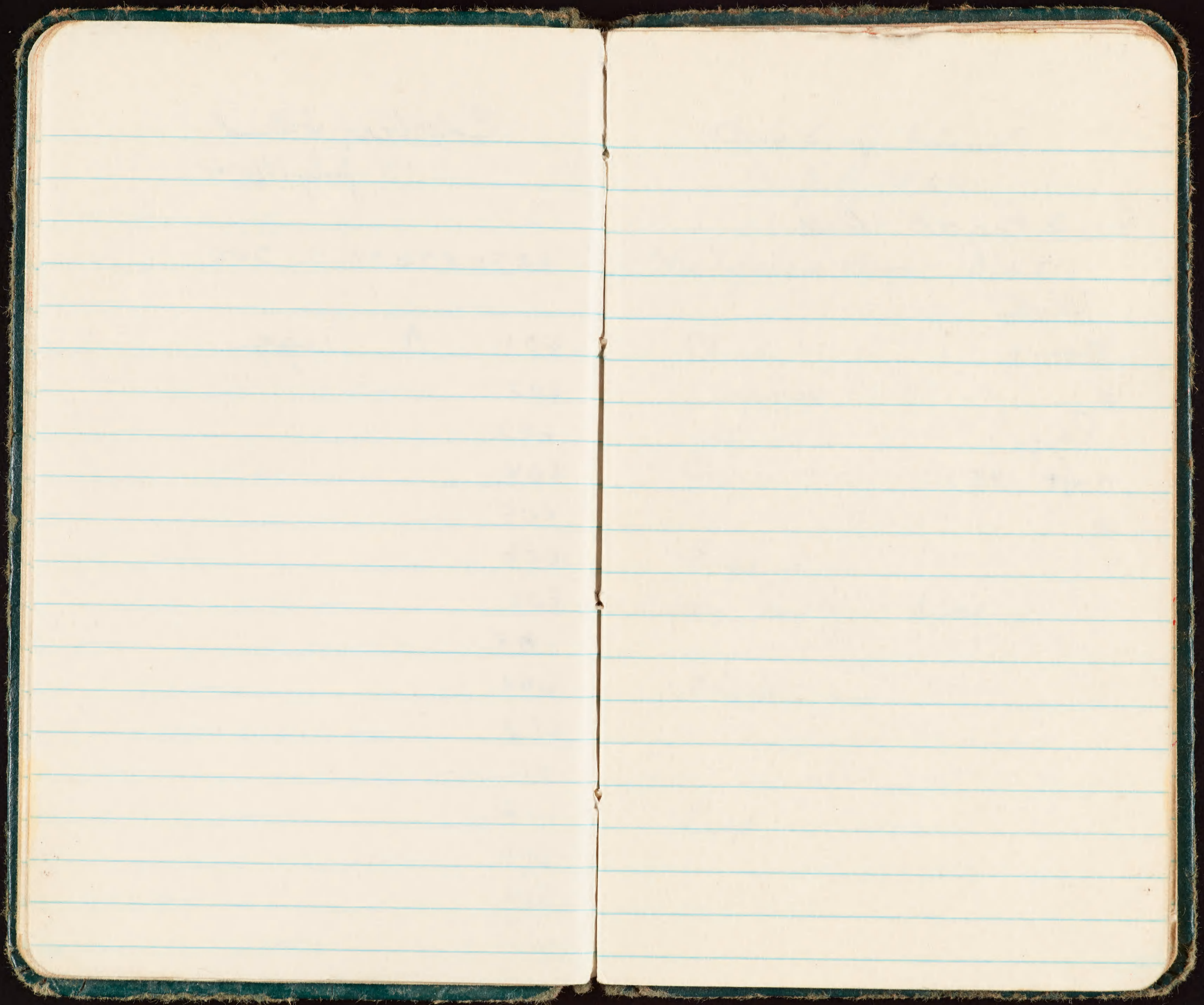
612

613

614

615







Great Frigate Nests

Chicks:

① IIII II

②

Eggs:

① IIII IIII I

②

Enderbury Island  
15 July 1964

Blue-faced Booby Nests

Chicks: -

① IIII IIII

② II

Eggs

① II

② IIII II

Brown Booby Nest

Chicks: 1

Eggs:



a frigate & redfoot egg in sacro

Banded Long Red-foot

247 - 5328 336

329

330

331

332

333

334

335

9 Frigate nests too high to examine

Cinderkey Island 15 July

Red-footed Booby

Small young: ### & 1

Eggs: ### 1

Great Frigate

### ### ### // ### ###

Chicks: ### ### - ### - ### - ### - ###

### ### ### ### ### ###

### ### ### ### ### ###

Eggs: ### ### ### ### ### ###

### ### ### ### ### ~~###~~ ###

### & ### ### ### ###

### ### ### ~~###~~ ### ###

### - ### - ### - ### - ### - ###



Enderbury Island

16 July 1964 (morning)

Blue faced Booby returns

✓ or ADP

737-21476 ♀ 1 downy chick ✓

52998 ♀ 2 eggs ✓

{ 50156 ♀ ✓

{ 50101 ♂ 2 eggs ✓

{ 52541 ♂ ✓

{ 52803 ♀ 1 chick ✓

{ 52549 ♀ ✓

{ 50155 ♂ ✓

{ 26898 ♂ no chick ✓

{ 20066 ♀ ✓

568-71302 - chick

{ 23084 ♂ ✓

{ 52858 ♀ 1 chick banded ✓

757-63901

52566 ♂ 1 egg ✓



✓ ADP

16 July 1964

52805 ♂ 2 eggs ✓  
{ 26839 ♀ ✓  
52546 ♂ 2 eggs ✓  
52806 ~~♂~~ F ✓  
22468 F ✓  
20189 ? ✓  
{ 52555 ♂ ✓  
22145 ♀ ✓  
52563 ♀ ✓  
23199 ♀ ✓  
52977 ? ✓  
757-67883 subadult ✓  
52578 ? 2 eggs ✓  
52573 ♀ ✓  
{ 757-63902 ♀ { 1 chick ✓  
22416 ♂ { 1 egg ✓  
757-63903 ♀ new  
{ 52590 ♂ 1 chick ✓  
23190 ♀ ✓



✓ ADP

{ 26789 ♀ 1 young chick ✓

{ 757-63904 ♂ ✓

52588 ♂ ✓

21398 ♀ ✓

22413 ♂ 1 young chick ✓

{ 22418 ♀ 1 chick ✓

{ 22417 ♂ ✓

26838 ♀ ✓

757-63905 ♀

21384 ♂ 2 eggs ✓

{ 23162 ♀ ✓

{ 52523 ♂ ✓

{ 22739 ♀ ✓

{ 26866 ♂ ✓

22792 ♂ ✓

22655 ♂ ✓

{ 20322 ♀ 1 chick ✓

{ ~~23151~~ ♀ 568-71307 ✓

23151 ♀ 1 egg ✓



✓ ADP 16 July 1964

{ 23113 ♂ 1 chick ✓  
26857 ♀ ✓  
52864 ♀ ✓ 1 chick banded  
568-71308 chick new ✓

23256 ♂? ✓  
757-63906 ♀ new  
50218 ♀ ✓

757-63907 ♀ new  
{ 27419 ♀ ✓  
757-63908 ♂ new

{ 52814 ♀ ✓  
757-63909 ♂ new

{ 22814 subadult ✓  
757-63910 ♀ new

757-63911 ♀  
757-63912 subadult

22915 ♂ 1 chick ✓

I missed the ♀ ~~scribbled out~~



what happened to  
915

✓ADP

- { 22920 ♀ 1 chick 1 egg ✓  
22916 ♂ ✓  
20072 ♂ 2 eggs ✓  
22919 ♀ 2 eggs ✓  
757-63913 ♂ ✓  
{ 23204 ♀ ✓  
20075 ♂ 1 chick ✓  
20074 ♀ 1 egg ✓  
22924 ♂ 2 eggs ✓  
22914 ♀ ✓  
757-63914 ♀ New  
23212 ♀ 2 eggs ✓  
23823 ♀ 2 eggs ✓  
20081 ♂ 2 eggs ✓  
20085 ♂ ✓  
23016 ♂ ✓  
{ 22929 ♀ ✓  
757-63915 ♂ 2 eggs ✓  
757-63917 ♂ New  
757-63918 ♂ 2 eggs ✓



Nest Count

Masked Bobby  
Chick

1 chick  
1 egg | 1

① II

②

Eggs

① II

② ~~IIII~~ IIII

Brown Boob

Chick

①

②

Eggs

① I

②

Great Frig

Chicks

Eggs

starting on line opposite left

Andersby Island

16 July 1964

625 - 85347 end

347 - A 1 egg

348 A 1 egg

349 A 1 egg

350 A 1 chick

351 A 1 egg

352 A 1 chick band

353 - chick

354 A 1 egg

355 A 1 egg

356 A 1 egg

357 A 1 egg

358 A nothing

359 chick

360 A 1 egg

361 A 1 chick



✓ADP

Return

✓595-63 269

in marked nest with 1 egg

✓595-63366

in marked nest with 1 egg

362

A 2 eggs

363

A 1 egg

364

A 1 egg on nest

365

A nothing place

366

A 1 egg

367

A on chick 625-

in marked nest 8542)



~~ADP~~ ✓ Enderbury Island  
17 July 1964  
morning

Blue-faced Booby  
Return + band

757-63850 Star

737-50158 ♀ } ✓

-50103 ♂ } ✓

50 ♂ } 1 chick

23245 ♀ } ✓ 1 chick

52887 ♂ } ✓ 1 chick

21292 ♀ 2 eggs ✓

21504 ♂? ✓

51 immature (subadult)

52 ♀

53 ♂

54 ♀

55 subadult

56 ♀



ADP ✓

57

♀?

757-64355

♀ Phoenix Island ✓

58

♀?

59

♀

60

subadult

61

+

20250

♂

2 eggs ✓

62

immature (subadult)

63

♀

21394

subadult ✓

64

?

65

?

21349

♂?

66

immature (subadult)

67

♀?

757-64366

♀

Phoenix Island ✓

68

♀

757-61962

♀ ✓

69

♀



✓ ADP

22652 subadult ✓

70 ♀

71 ?

72 ?

73 ♂?

74 ♀

75 ?

76 subadult ?

77 subadult ✓

50332 ♂

78 subadult

79 ♀? subadult?

80 ?

52951 ♂ } ✓ chick

20137 ♀ } ! ✓

23289 ♂ } ✓ 1 chick

26962 ♀ } ✓ 1 chick

20141 ♀ ✓ 1 chick

38097 ♂ } ✓ 1 egg

38094 ♀ } ✓



✓ADP

27428

♀?

✓

{ 22871

♂

✓

{ 52802

♀

2 eggs

✓

23143

♀

2 eggs

✓

52987

♂

✓

50486

♂

✓

32804

♂

}

✓

52998

♀

}

2 eggs

✓

23139

♂

}

✓

52563

♀

}

✓

23140

♀

}

✓

52805

♂

}

2 eggs

✓

52873

♂

}

1 chick

✓

21382

subadult

✓

50156

♀

}

✓

26895

♂

}

✓

50184

♂

}

✓

27437

♀

}

✓

50449

♂

}

1 chick

✓

50443

♀

}

1

✓

deek. —



✓ ADP

21403 ♀

✓

20215 ♂

} ✓

21414 ♀

✓ chick



McKean Island  
18 July 1964

#5

625-85368

68 A 1 egg

69 A 1 egg

70 chick

71 chick

72 chick

73 A } billie

74 A }

{ 75 A 1 chick

{ 76 chick

77 A 1 chick

78 A } nolly

79 A }

80 chick

{ 81 A chick

{ 82 chick

83 → 92 Reddy

McKean Island  
18 July 1964

#7A

~~747-57761~~

~~61 → 79 Reddy~~

~~93 A nolly~~

~~94 A 1 egg~~

~~95 chick~~

~~96 A nolly~~

~~97 A chick~~

~~98 chick~~

~~99 A 1 egg~~

~~100 A 1 egg~~



Red-Stacked Terns  
Chicks

Eggs

~~Greats Frigate~~

~~Chick: 5, III, 5, III, III~~

~~4, 12, 2~~

~~Eggs: 3, 8, 8, 5~~

~~1 empty nest~~

~~Lesser Frigate~~

~~Eggs 5, 2, 44, 49+~~

Chick 8, 6

Nest Count

Red-footed Booby  
Chick, II

Eggs: III, I

Nests 1

~~Blue-faced Booby  
Chick~~

~~1  
1~~

~~Eggs~~

~~1  
1  
III~~

~~Brown Booby  
Chick~~

Eggs



Lesser Frigate colony  
North group 5000  
up to islets  
E group 2000 exclud  
S group 5000 chick

~~478 - lost~~  
~~479 - A 1 chick~~  
~~480 - chick~~

#5 from Day  
625-85481

~~481 A noth~~  
~~482 A 1 egg~~  
~~483 A 1 egg~~  
~~484 A 1 egg~~  
~~485 A 1 chick~~  
~~86 - 90 Pet 4~~  
~~491 A 1 chick~~  
~~492 chick~~  
~~93 - 95 Pet 4~~  
~~496 A noth~~  
~~497 chick~~  
~~498 A noth~~  
~~499 A chick~~  
~~500 chick~~



# 5

625-85619

619 A 1 egg

620 chick

621 A 1 egg

622 chick

{ 623 A 1 chick

{ 624 chick

625 A 1 egg

{ 626 A 1 chick

{ 627 chick

628 chick



✓ ADP

McKean Island

18 July 1964

Blue faced Boobies

757-64180

180 ♀ 1 chick 2 sub booted

737-51120 ♀ 2 eggs ✓

{ 23751 ♂ ✓  
181 ♀ 1 egg ✓

23575 ♀

51115 ♂ 2 eggs ✓

182 ♂

49930 ♂ 1 chick 1 egg ✓

183 ♀

49933 ♂ 2 eggs ✓

51178 2 chicks ✓

184 ♂

29577 ♀ } 1 chick ✓

29579 ♂ } ✓



# ✓ ADP

757-63884 ♂ } 1 egg ✓

737-29584 ♀ } ✓

21522 ♂ 2 eggs ✓

29519 ♂ ✓ 2 eggs ✓

{ 29586 ♂ ✓

{ 29587 ♀ ✓ ch ✓

{ 185 ♀ 2 eggs

{ 186 ♂ 1 egg

51140 ♂ } 2 eggs ✓

51134 ♀ } ✓

49943 ♀ 2 eggs ✓

187 ♂ 1 egg

{ 29595 ♂ 2 eggs ✓

{ 188 ♀ ✓

29516 ♂ 2 eggs ✓

51147 ♀ } ✓

189 ♂ } 1 ch ✓

190 ♀ } ✓

23694 ♀ 2 eggs ✓

51047 ♂ 2 eggs ✓



✓ ADP

51053 ♂ 2 eggs ✓  
191 ♀  
23683 ♂ } 1 chick ✓  
192 ♀ } 1 egg ✓  
51146 ♂ 2 eggs ✓  
23844 ♂ 2 eggs ✓  
51150 ♀ 1 chick ✓  
193 ♀ 1 egg ✓  
51159 ♂ 1 chick ✓  
194 ♀ 1 chick ✓  
49930 ♀ } 1 chick ✓  
195 ♂ }  
23685 ♂ 1 chick ✓  
51058 ♂ 1 chick ✓  
51056 ♂ 2 eggs ✓  
21600 ♂ 1 chick ✓  
21536 ♂ 2 eggs ✓  
49953 ♂  
5757-63598 ♀ ✓  
196 ♂ 1 chick ✓



✓ADP

51064

♂

2 eggs ✓

51172

+

Σ

51177

♂

1 egg ✓

197

♀

{

198

♂

2 eggs ✓

199

♀

200

♀

23660

♂

✓

20326

♀

✓

51190

♂

✓



757-63925

✓ADP  
McKean Island  
19 July 1964 (morn)

Blue-faced Boobies  
#73

757-63744

744 ? → incubate

23756 ♀ 1 chick ✓

{ 23755 ♂ ✓

{ 757-62622 ♀ 2 eggs ✓

29568 ? ✓ 2 eggs

29569 ✓ ♂ 2 eggs incubated

23760 ♂ ✓

745 ♂

{ 57019 ♂ ✓

746 ♀ 2 eggs ✓

747 ♂ 1 egg

748 ♂

749 ♂

750 lost



✓ADP

29505 ♂ } ✓  
23769 ♀ } 2 eggs ✓  
{ 21529 ♀ 1 chick ✓  
757-62626 ♂ ✓  
{ 49921 ♀ ✓  
23661 ♂ chick ✓  
751 ♂ ✓  
752 ♀ ✓  
753 ♀ ✓  
754 ♂ ✓  
499 15 ♂ 2 eggs ✓  
{ 755 ♀ 1 egg ✓  
23840 ♂ ✓  
{ 23779 ♂ ✓  
756 ♀ 2 eggs ✓  
757 + 2 eggs ✓  
21596 ♀ 2 eggs ✓  
51106 ♂ } ✓  
49899 ♀ } 2 chicks ✓  
758 ♀



✓ ADP

759 ♀ 2 eggs

760 ♀ 2 eggs

29558 ♂ 1 chick ✓

5 761 ♂ 1 egg ✓

2 29560 ♀ 2 eggs ✓

762 ♂

25995 ♂ 2 eggs ✓

20338 ♀ ✓

7 763 ♀

7 764 ♂

21509 ♀ 1 chick ✓

49895 ♂ ✓

765 ♀

766 ♀

767 ♀ 2 eggs

768 ♂

5 29554 ♂ ✓

2 49892 ♀ 2 eggs ✓

23643 ♂ 2 eggs ✓

769 ♀



McKen

✓ADP

19 July 1964

23578 ♀ ✓

23834 ♂ 2 eggs ✓

21514 ♂ ✓

770 ♀

21315 ♂ ✓

771 ♀

23641 ♂ } 1 chick ✓

757-62665 ♀ } 1 egg ✓

23639 ♀ ✓

23640 ♂ } 1 chick ✓

21525 ♂ ✓

772 ♀

23636 ♂ } 2 eggs ✓

23632 ♀ } ✓

23765 ♀ } 2 eggs ✓

49878 ♂ } ✓

23634 ♂ ✓

773 ♂

774 ♀

775 ♂ 1 chick ✓



McKee

✓ ADP

19 July 1964

51085 ♂ 2099 ✓

51094 ♂ ✓

23818 ♀ ✓

51100 ♀ ✓

776 ♀ (subadult?) ✓

48087 ♂ ✓

{ 51022 ♂ ✓

{ 21580 ♀ ✓

23644 ♂ 2099 ✓

777 ♂

23833 ♂ ✓

51091 ♀ ✓

778 ♂

779 ♂

51191 ♂ ✓

780 ♂

51194 ♀ ✓

781 ♂

782 ♂

783 ♀



Mickem ✓ **ADP** 19 July 1964

23650 ♂ 2 eggs ✓  
{ 51073 ♀ 1 chick ✓  
49971 ♂ 1 egg ✓  
51096 ♀ 1 chick ✓  
784 ♀  
785 ♂ 2 eggs ✓  
49990 ♂ with bird ✓  
786 ♀ 1 chick ✓  
{ 29550 ♂ ✓  
29549 ♀ 2 eggs ✓  
49894 ♂ 2 eggs ✓  
787 ♀ 2 eggs ✓  
788 ♀ 2 eggs ✓  
789 ♂  
790 ♀ 2 eggs ✓  
51102 ♀ { chick ✓  
23642 ♂ 2 eggs ✓  
23835 ♀ 2 eggs ✓  
792 ♂  
793 ♀



794 ♀ 1 chick  
1 egg

795 ♂

796 ♀ 1 egg

797 ♀ 1 chick  
1 egg

798 ♂ 2 eggs

799 ♂ 1 chick  
1 egg

800 Brown body A  
with mob + chick

23766 ♂ 2 eggs ✓

51014 ♀ 2 eggs ✓

49922 ♂ 2 eggs ✓

23749 ♀ 2 eggs ✓



McKean Island  
19 July 1964

19 July 1964

~~#78~~

✓ ADP

*Handwritten signature*

652. 46101  $\rightarrow$  200

Return

Fairy Tale

642-01646 ✓

642-01693 ✓

632-20950 ✓

642 - 01642 ✓

632-20964 ✓

642-01659 ✓

642 · 01643 ✓

642 - 01640 ✓

642 - 01637 ✓

632-20987 ✓

642-01620 ✓



#5

625-85645

Tropinbird

645 - nestly

646 - A nestly

647 - nestly

648 A 1 egg <sup>in nest</sup> nest

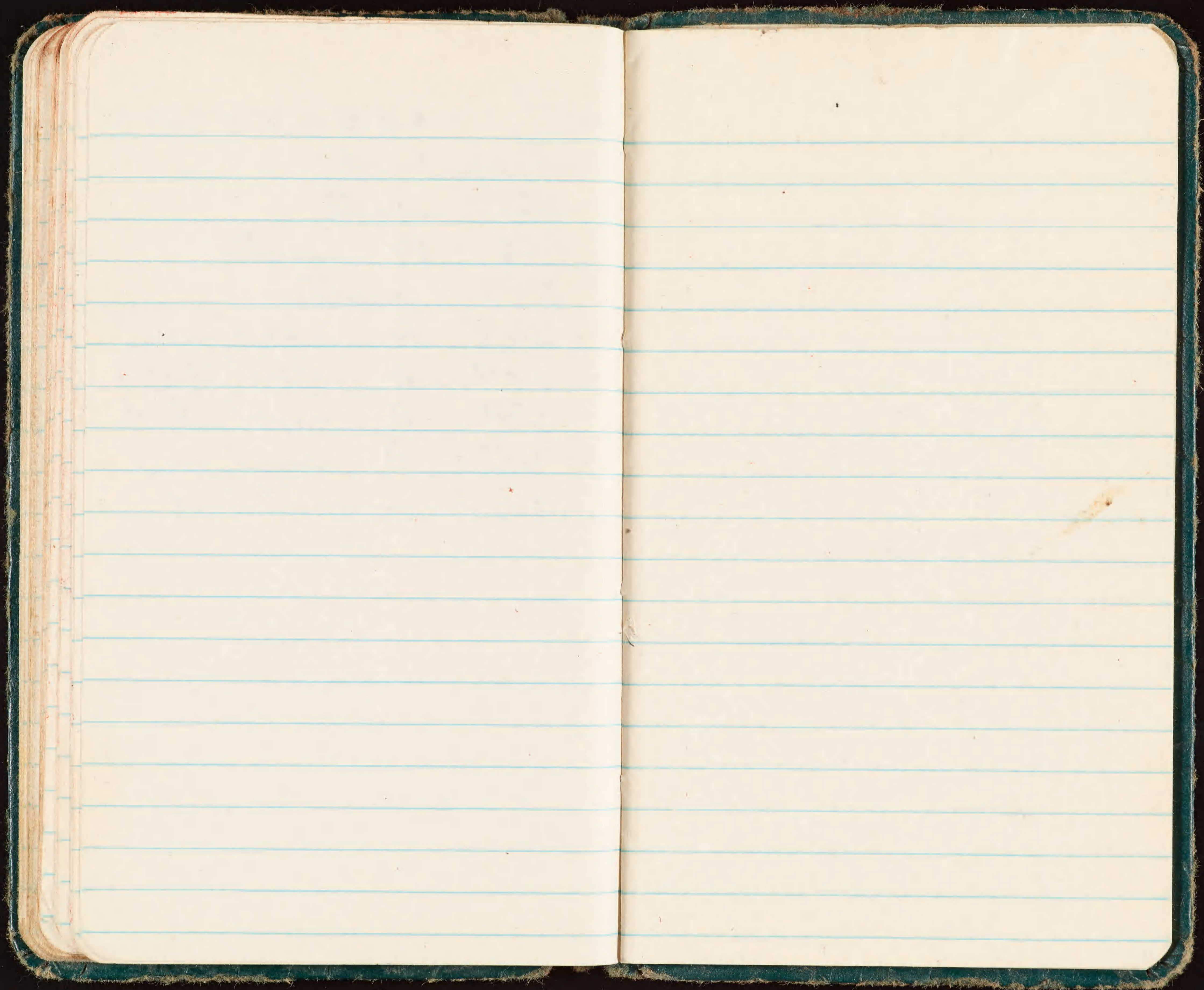
649 A small chick

650 A small chick

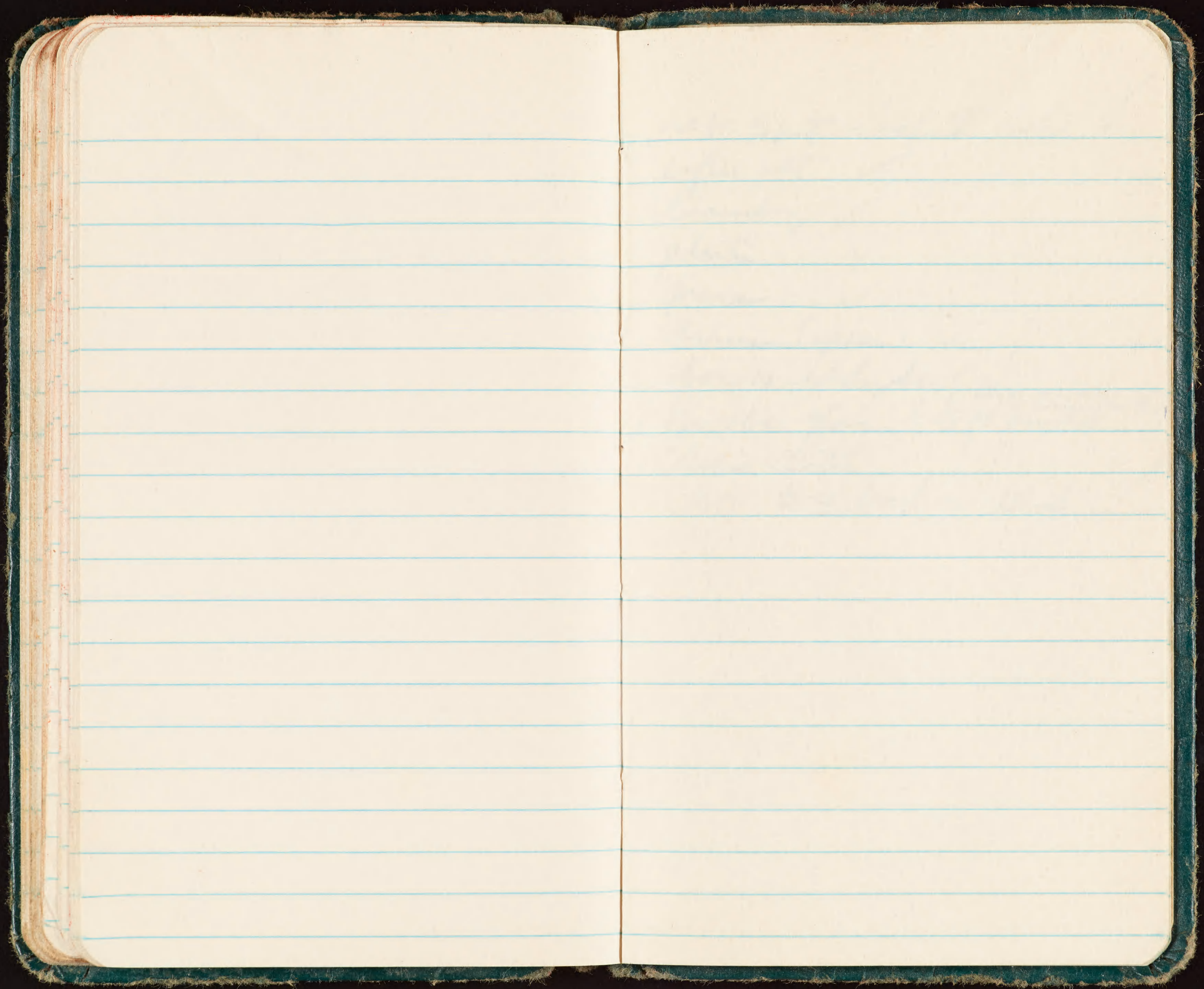
651 A small chick

652 small chick











not shot - box 8 let, ✓

coffee pot ✓

laundry ✓

plants ✓

mess ✓

drum (green) ✓

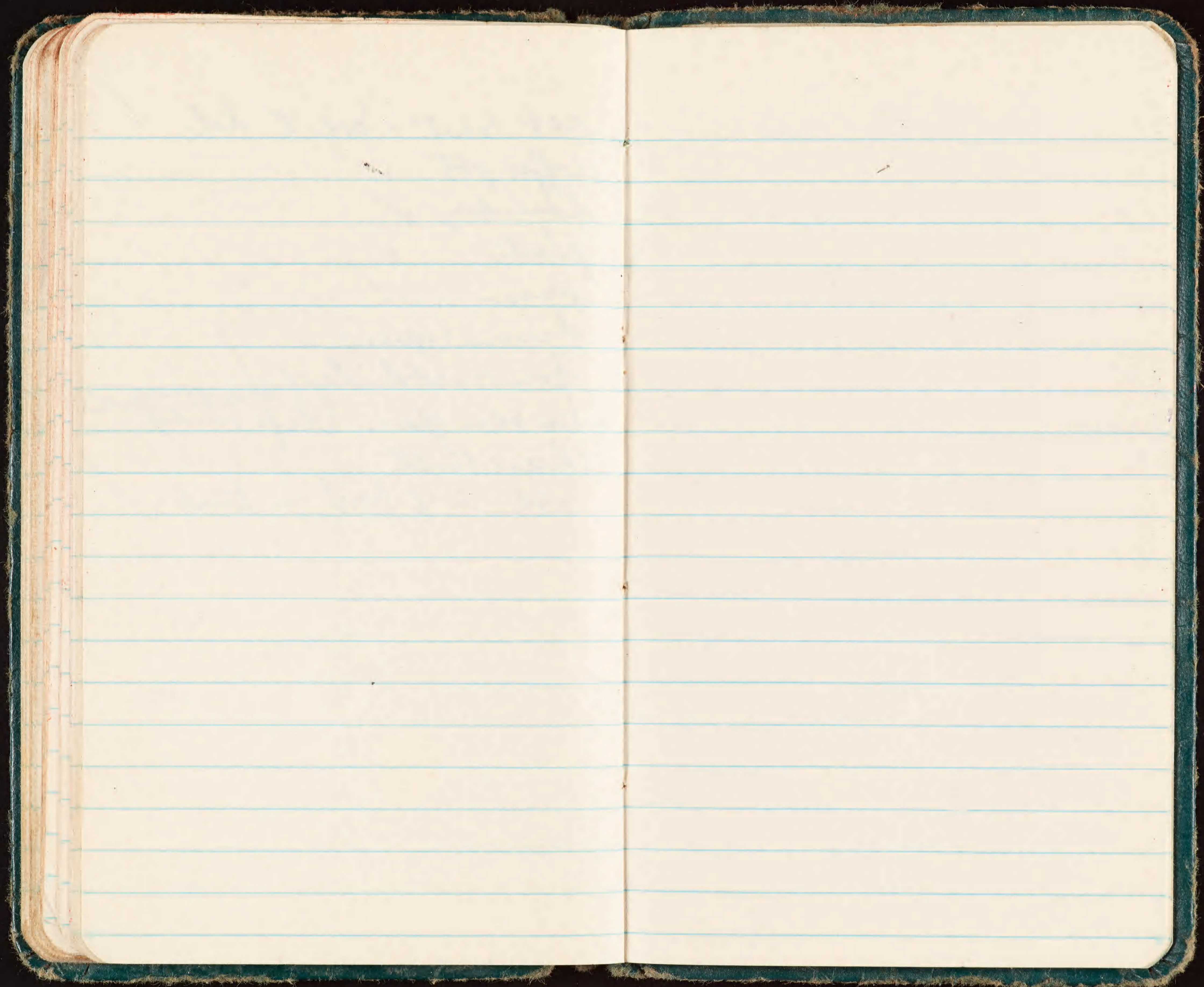
for maddisde ✓

✓ rubber glue (left hand) <sup>key, wooden</sup> <sub>drum, bottle</sub>

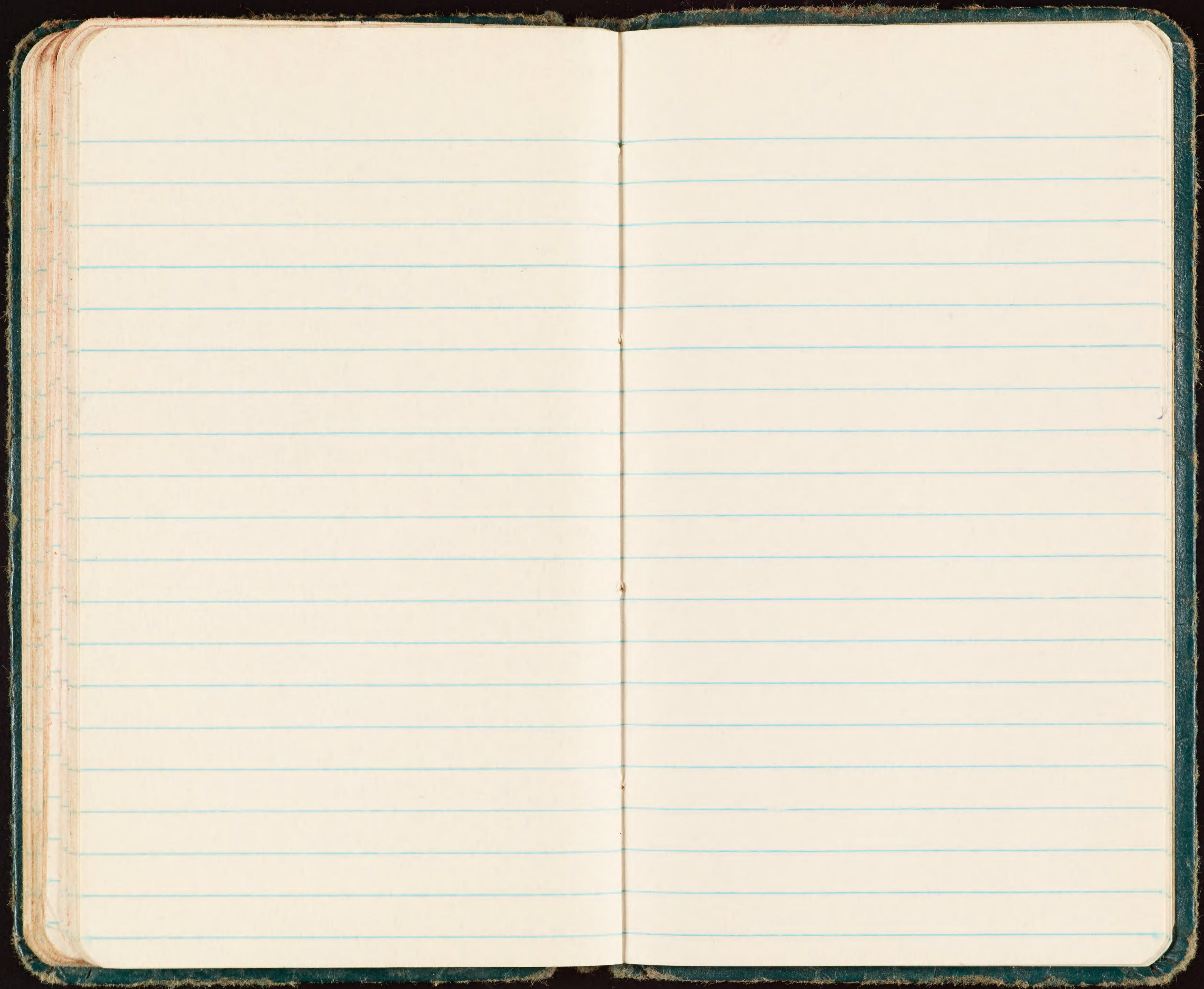
✓ chess cloth

200 #8 band in trunk ✓

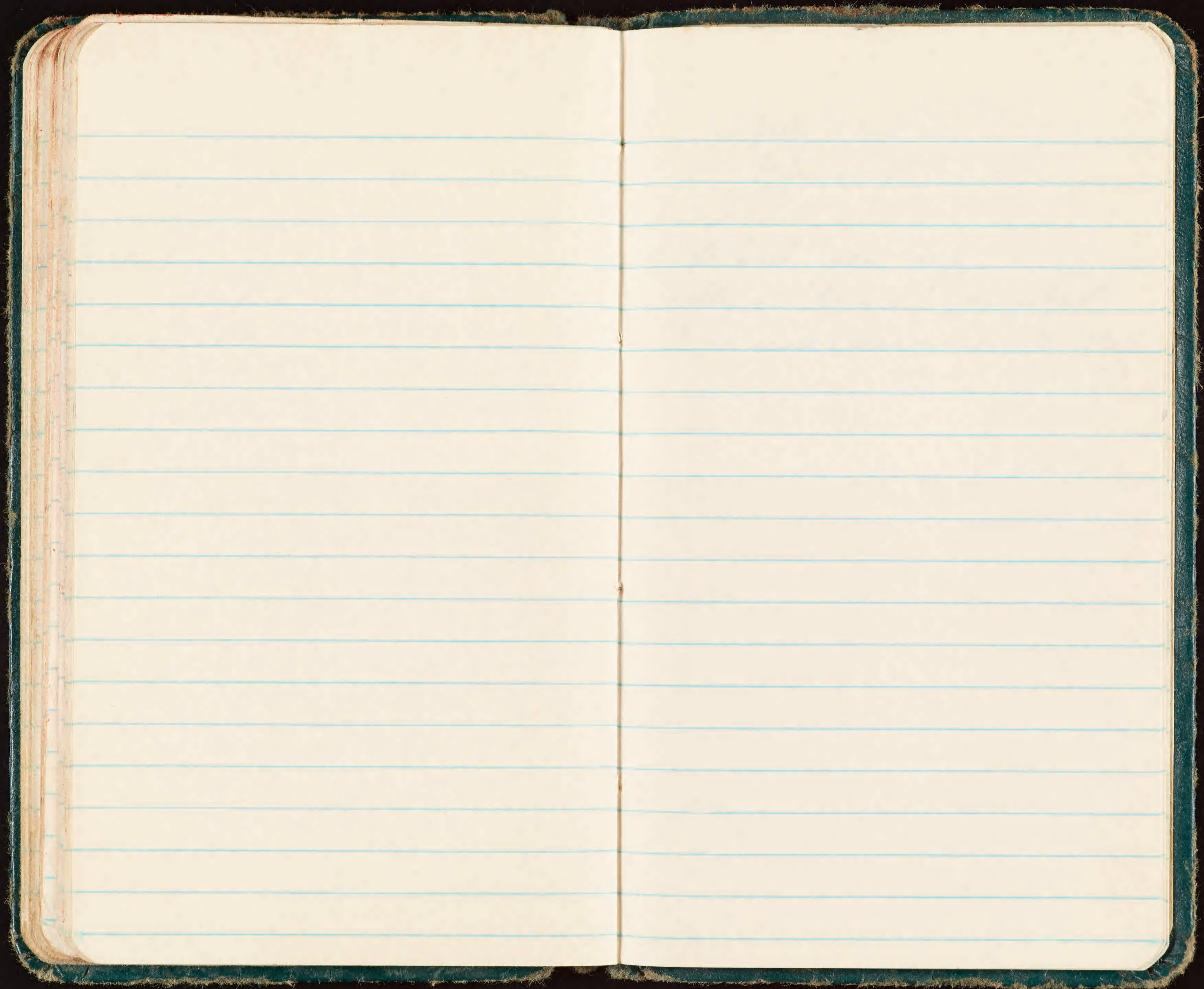












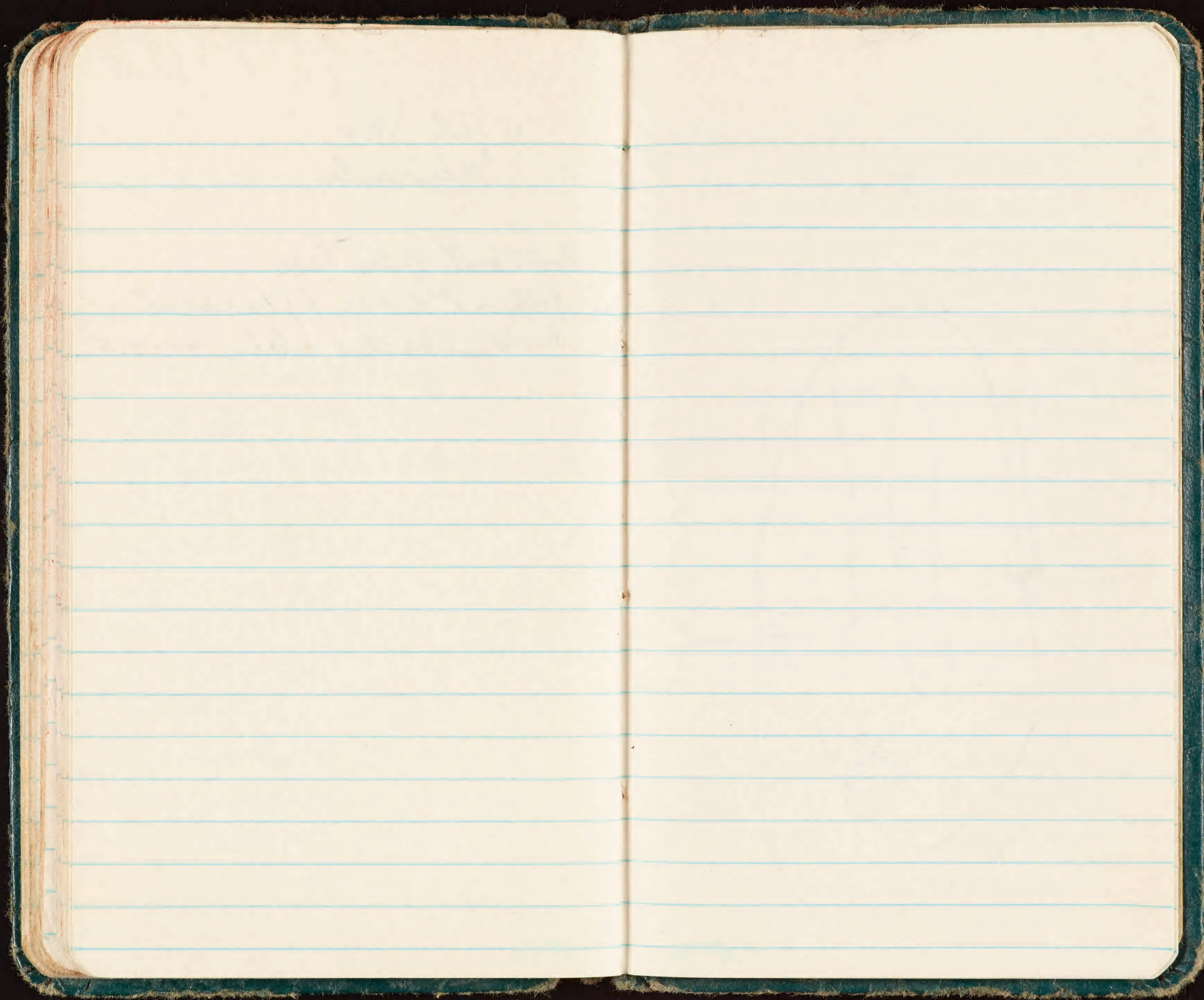


11 July 1964

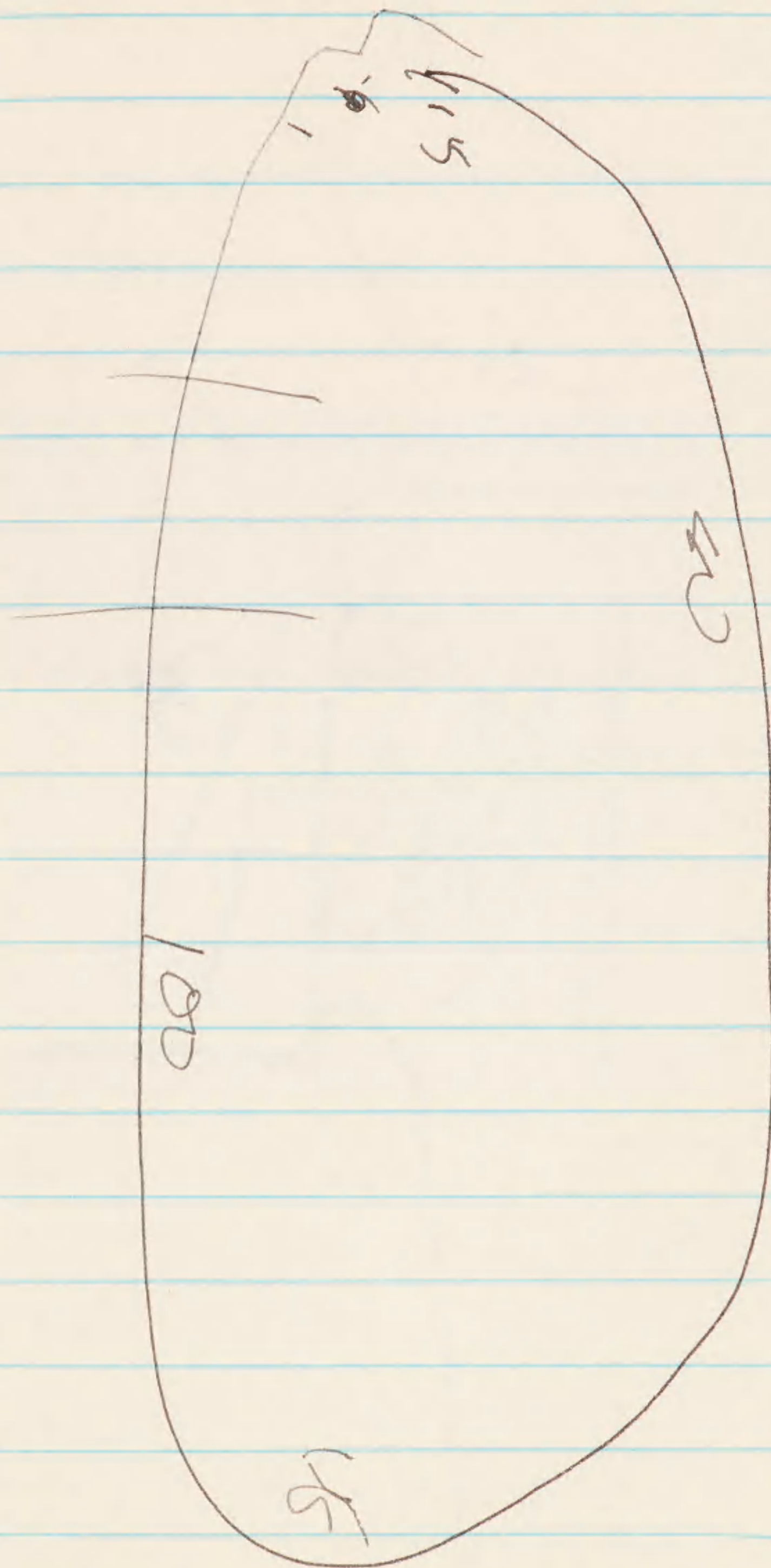
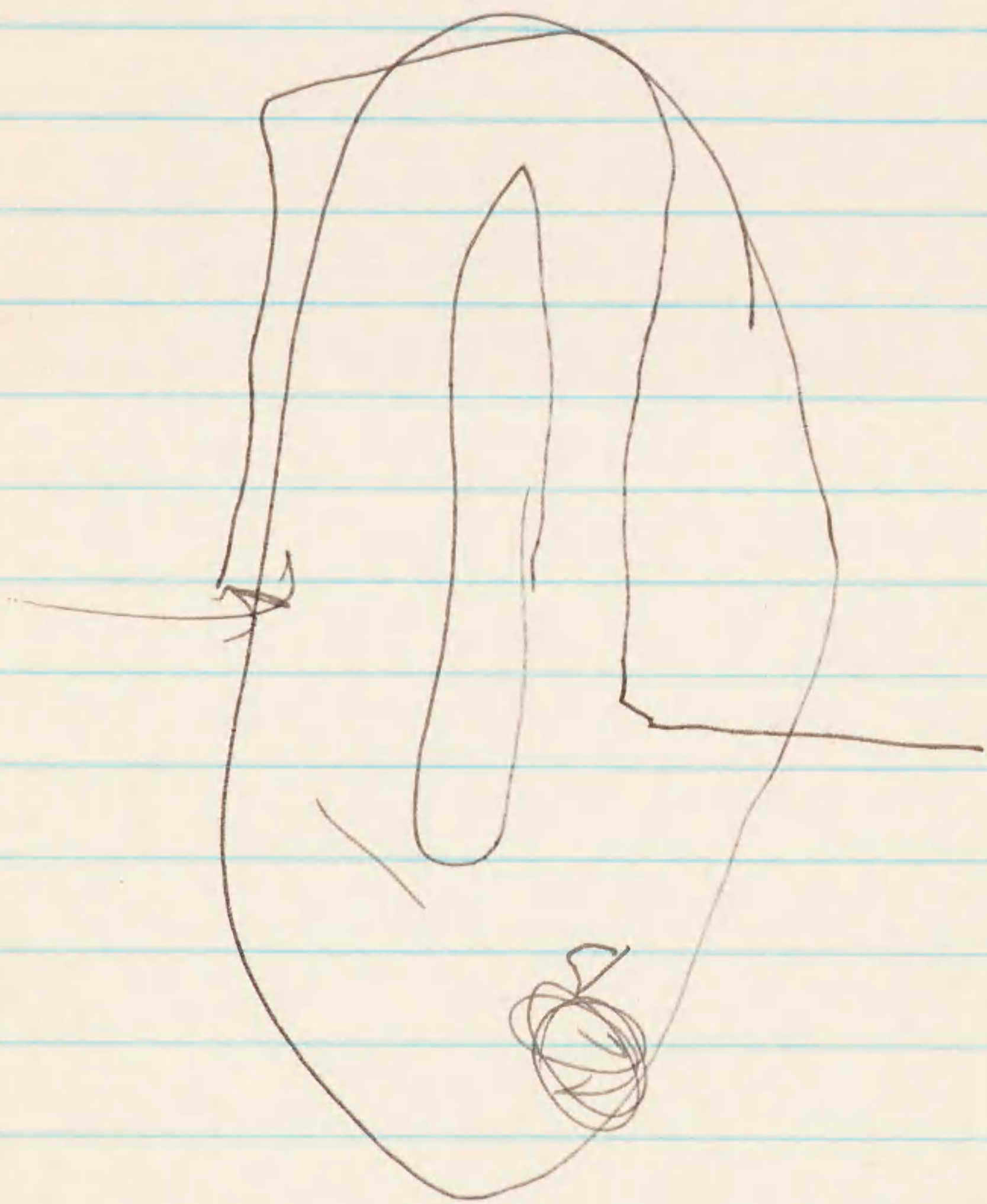
Memoranda

1. light bulb from Ting
  2. bottom or 3<sup>rd</sup> drawer of filing cabinet
- Field number series starts 40375



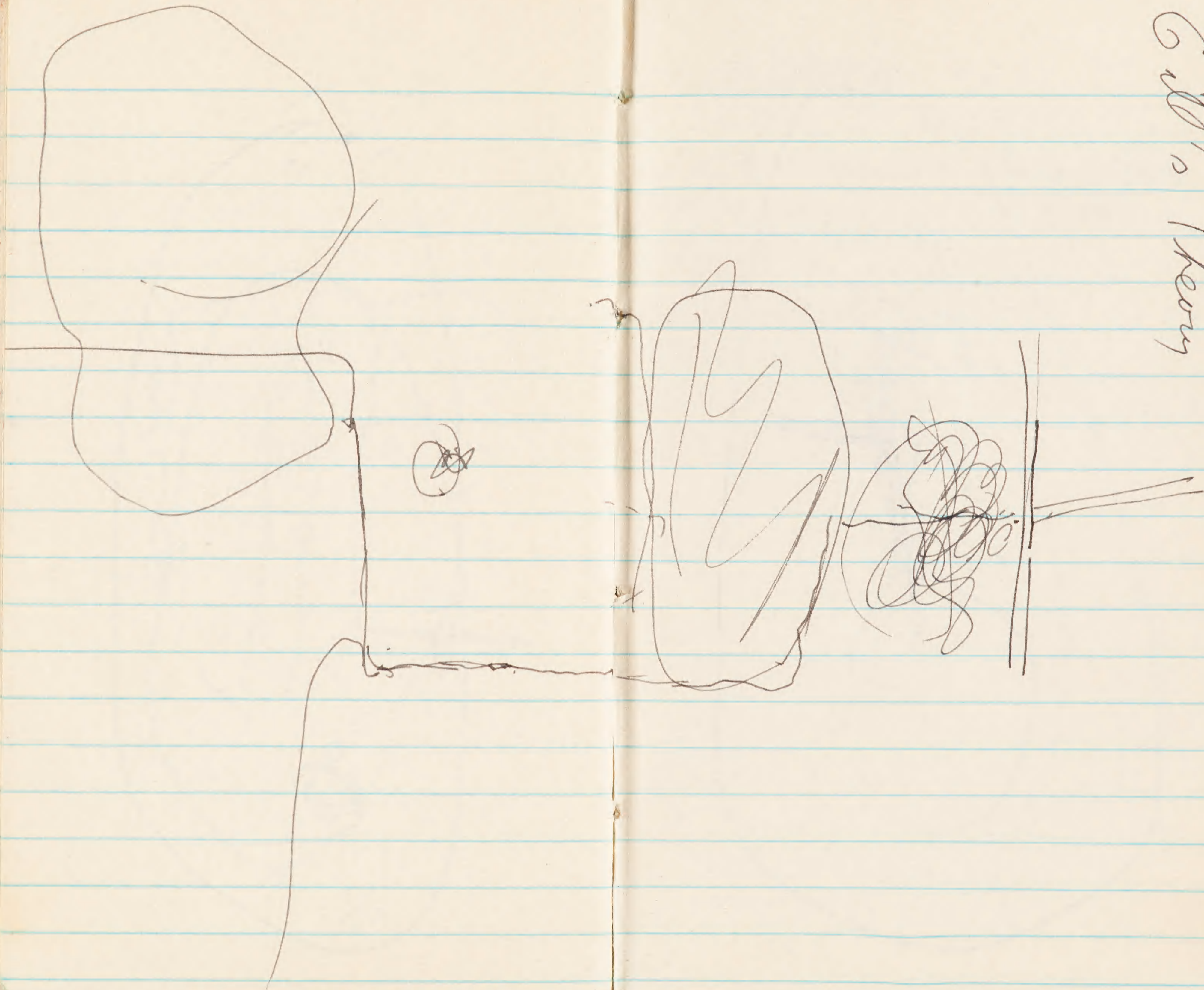




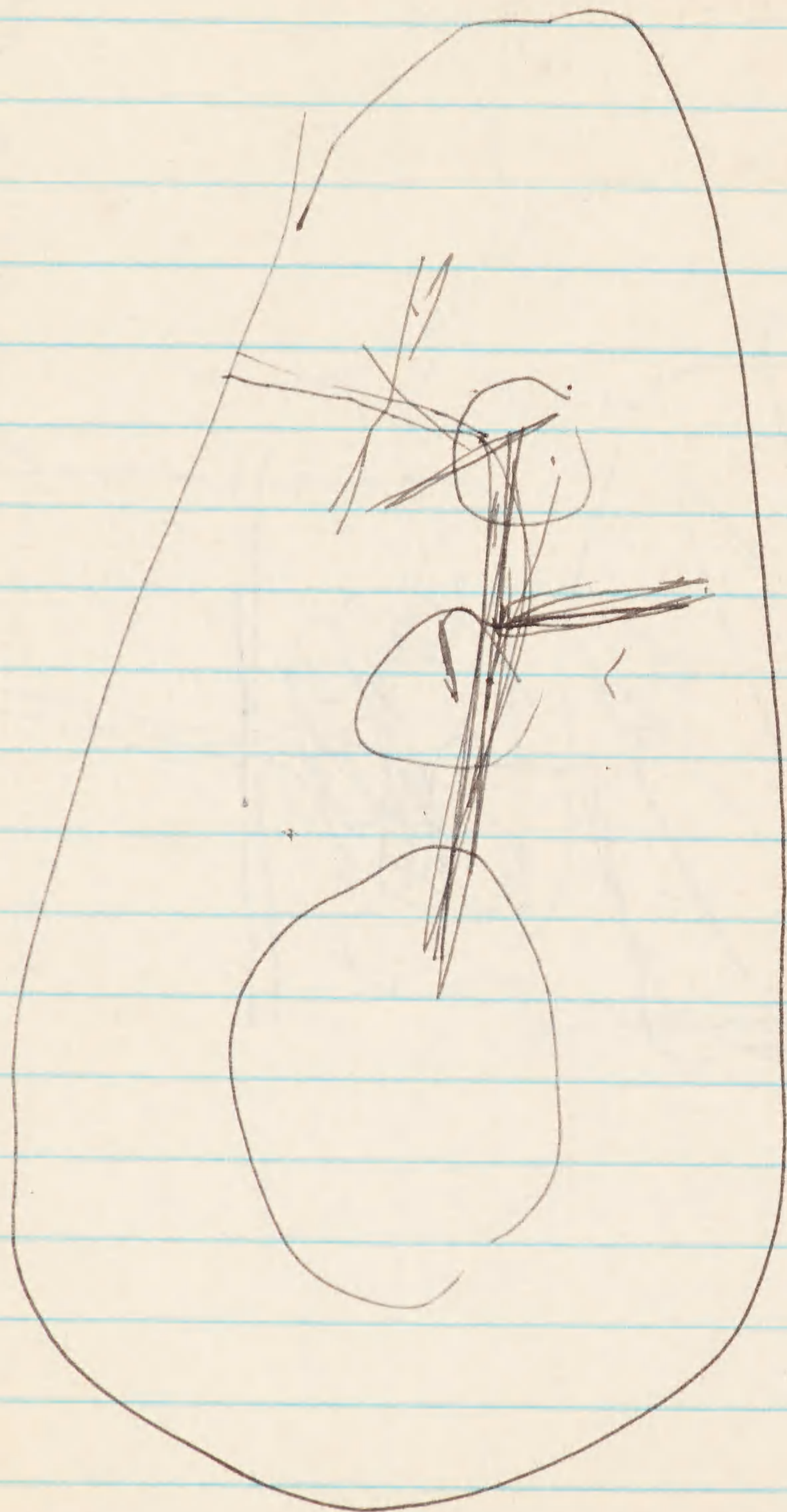




Gill's Theory

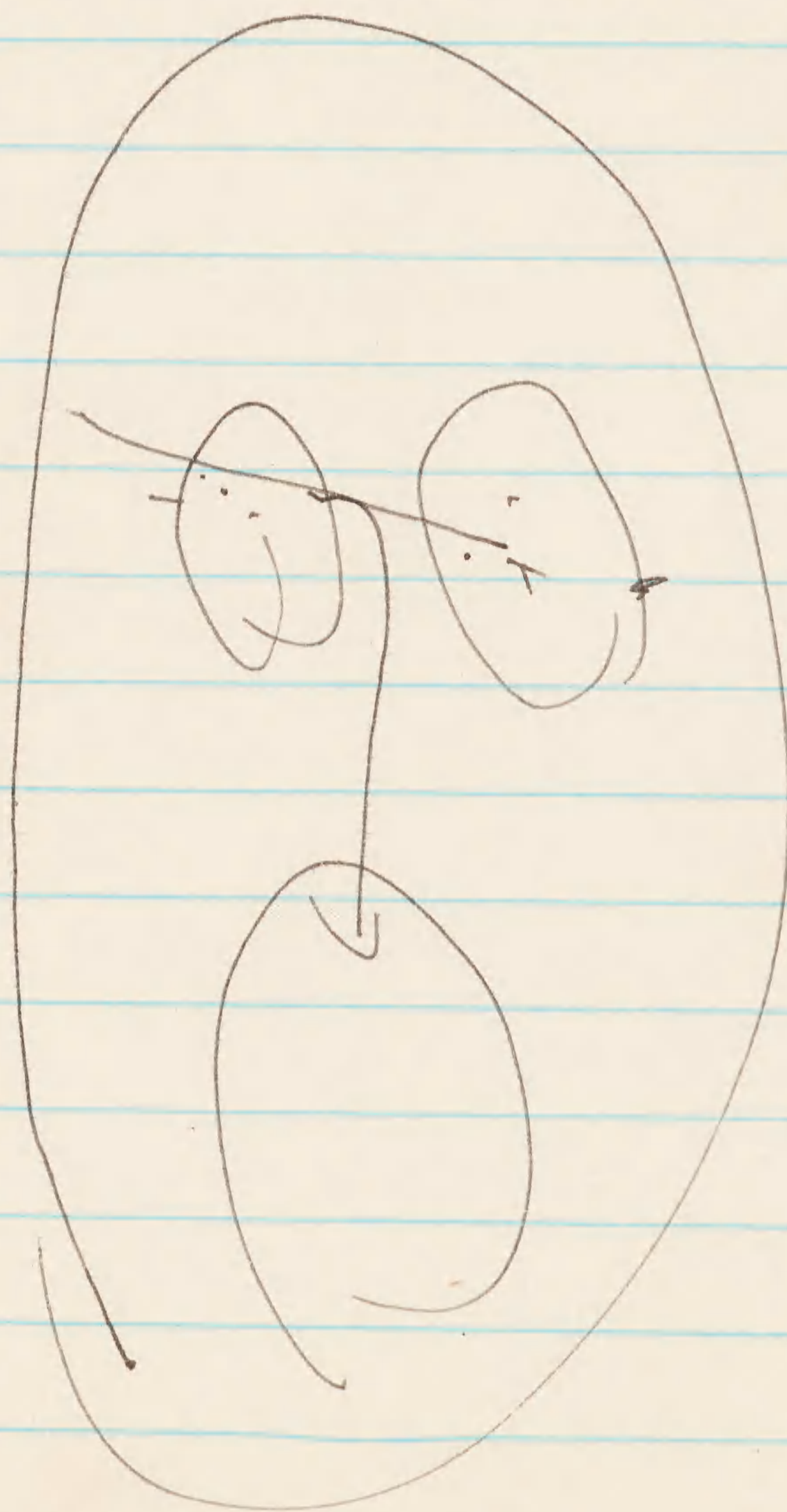




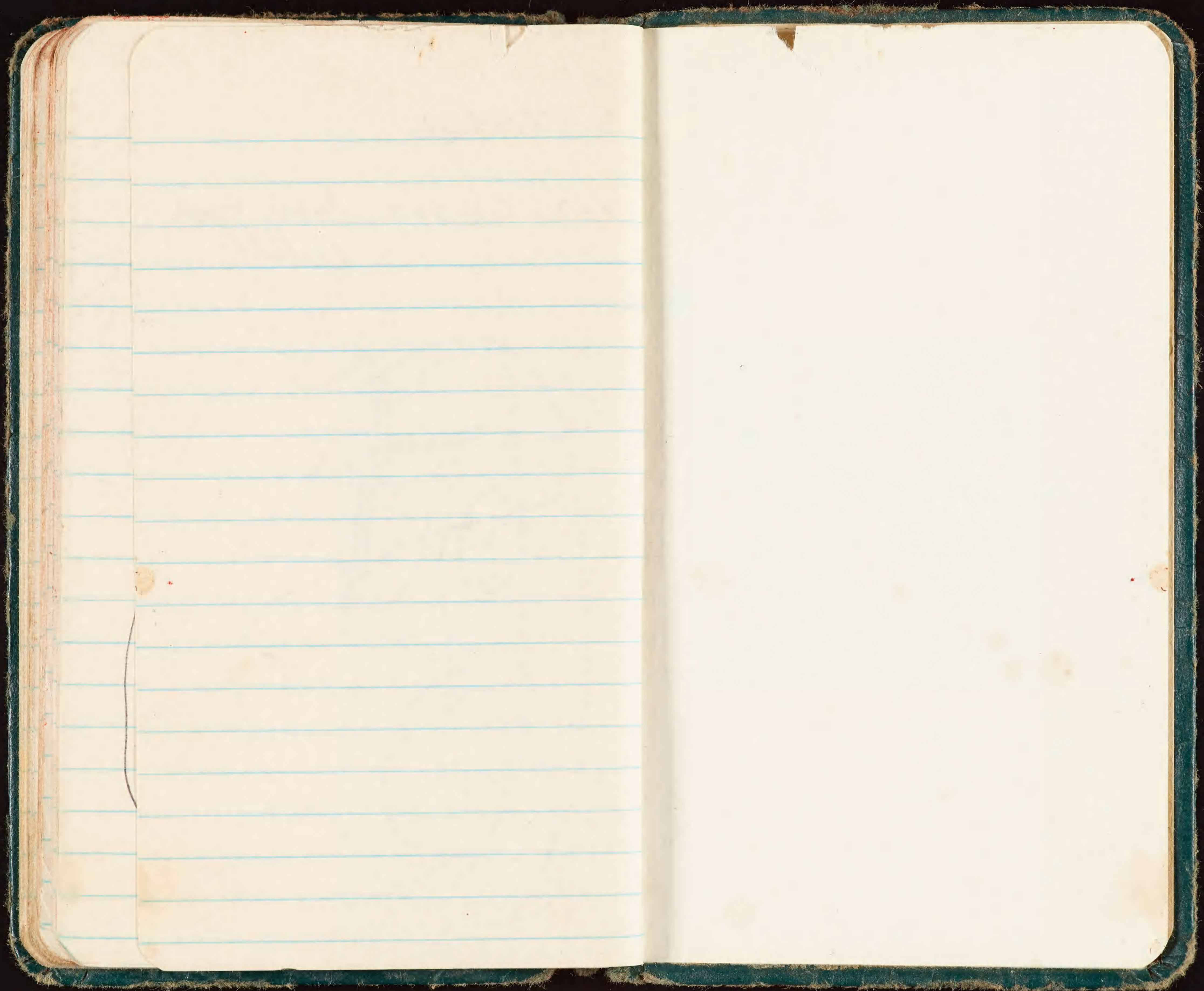


~  
~~642557~~

757-64547 Brown Booby  
Adult









9

6

5  
7

54

4



**7530-222-0078**  
**FEDERAL SUPPLY SERVICE**



# Memoranda

SIC # 5 1964

Christmas Is., June 19

Starbuck Is., June 25-26

McKean Is., July 19



✓ ADP  
CPT  
Done 9/21/68

Sibley?

Cook Island, Christmas Island June 19, 1964  
Hawaii Noddy Noddy - Marshall

652-43201 } Marshall  
301 }

401. Hawaiian

652-43501 Hawaiian



## Insects

Starbuck Island - June 25, 1964

S<sub>1</sub> Black ants - 15 spec. - off of sand + rocks at night

S<sub>2</sub> Dermestid sp. - 3 spec. off rocks + sand - night

S<sub>3</sub> Silverfish - off sand - at night

S<sub>4</sub> Thrips? - from sand - at night - near Digitaria

S<sub>5</sub> Small Diptera - spec. - from sand beneath Digitaria - at night

S<sub>6</sub> Insect sp. - from sand beneath Digitaria at night

S<sub>7</sub> Spider - beneath coral slab - night

S<sub>8</sub> Small black ants - spec. - from Sida - at night - on leaves + blossoms

Break  
S<sub>9</sub> Spider sp - Black backed, light bottomed - central + lateral stripes in the black 6/26/64

S<sub>10</sub> Spider sp - 2 spec. from Digitaria at night



Insects - Starbuck Island June 26, 1964

S<sub>11</sub>

S<sub>12</sub>

S<sub>13</sub>

S<sub>14</sub>

S<sub>15</sub>

S<sub>16</sub>

S<sub>17</sub>

S<sub>18</sub>

S<sub>19</sub>

S<sub>20</sub>

Insects - Starbuck I. June 26, 1964



Sooty Tern - Starbuck Island  
June 26, 1964

753-04001 - 04100 ✓ <sup>0730</sup> Sooty Tern - adult on nests  
04101 - 04200 ✓ <sup>0830</sup>  
04201 - 04300 ✓ <sup>start 0830</sup>  
04301 - 04400 ✓  
04401 - 04500 ✓ <sup>0930 took 5 min for sample</sup>  
04501 - 04600 ✓ <sup>start 0935</sup>  
04601 - 04700 ✓  
04701 - 04800 ✓  
04801 - 04900 ✓ <sup>1130</sup>  
04901 - 05000 ✓

Huber 60001 - 60500

~~07001 - 07500~~ 07001 - 07500

60501 - 61000 ~~2500~~

06001 - 06500 ~~2000~~

~~06501 - 07000~~

06501 - 07000 ~~3500~~

38801 - 38900

38701 - 38800

38901 - 39000



Starbuck Island June 26, 1964  
Sooty Tern - adults on nests

753-09001-09100

09101-09200

09201-09300

09301-09400

09401-09500

09501-09600

09601-09700

09701-09800

09801-09900

09901-10000

~~Start 0000 - 10000~~

~~Start 0000 - 10000~~  
Finish -

~~08001-08500~~

~~08501-09000~~

56001-56500

56501-57000

~~08501-09000~~

57501-58000

55001-55500

55501-60000



McKee July 19, 1964

Sooty Tern

793-65501-900

701-800

901-66000

71601-72000 - 4 strips

Returns

743-58325 ~~badly damaged~~

743-32714 egg

723-66605 egg

743-32992 on egg

743-58772 -

743-33295 -

723-66815 on egg

743-39165 -

ADP

✓

✓

✓

✓

✓

✓

✓

652-40344 Blue Gray Noddy



~~ADP~~  
Sooty Tern - Return

743-58249 on egg ✓  
behind tail

797-62801 - Audubon's

~~901 - Audubon's~~

Sooty Tern  
76,944  
63000

~~743-58149 Returns  
- 58182, 58127~~

~~753-35357~~

~~743-58124~~

~~753-35296~~

~~743-58193~~

~~753-02101, 02109, 02115~~

~~743-37378~~

~~753-02109~~



✓ADP

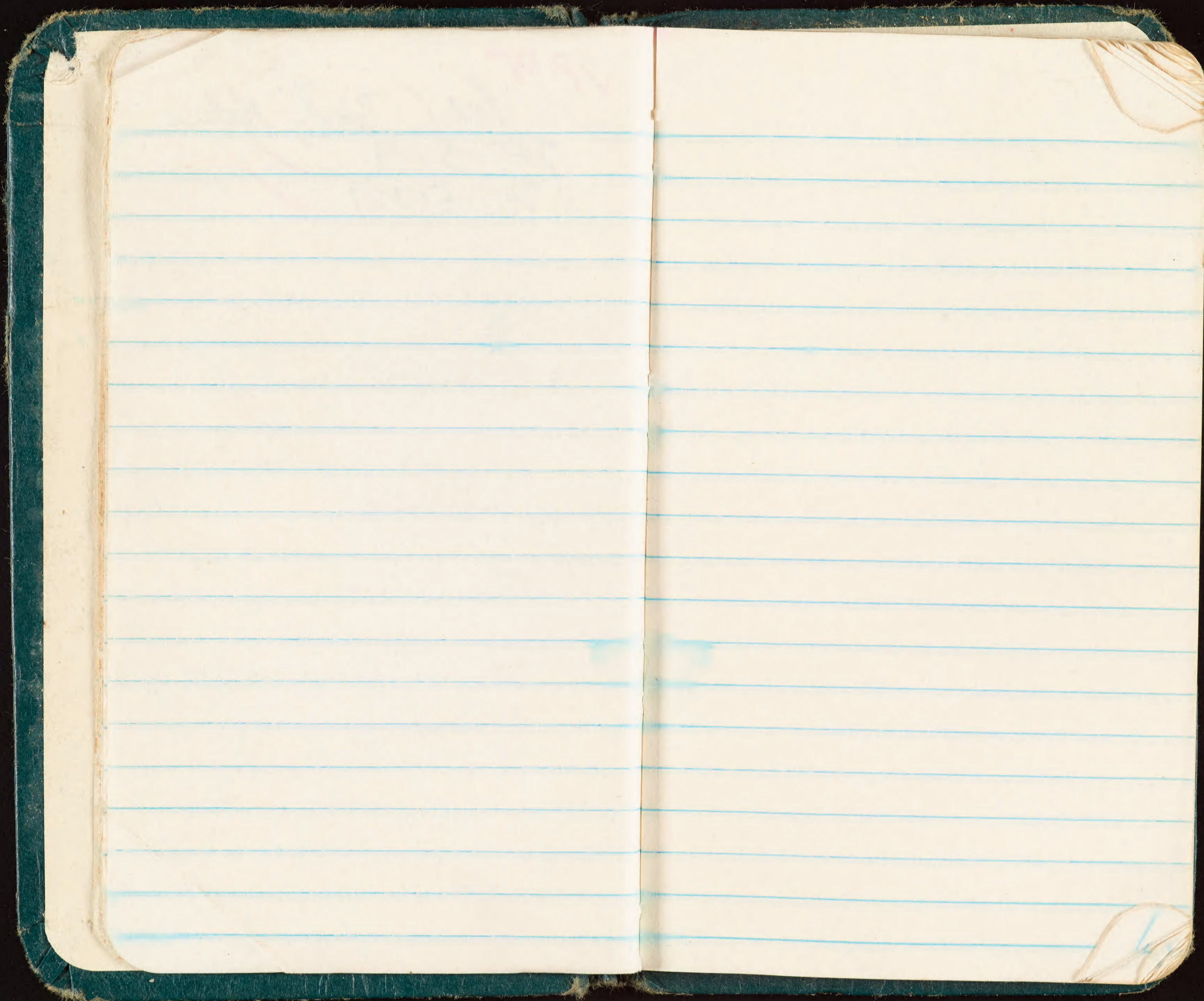
Ref. Body Return

747-51149

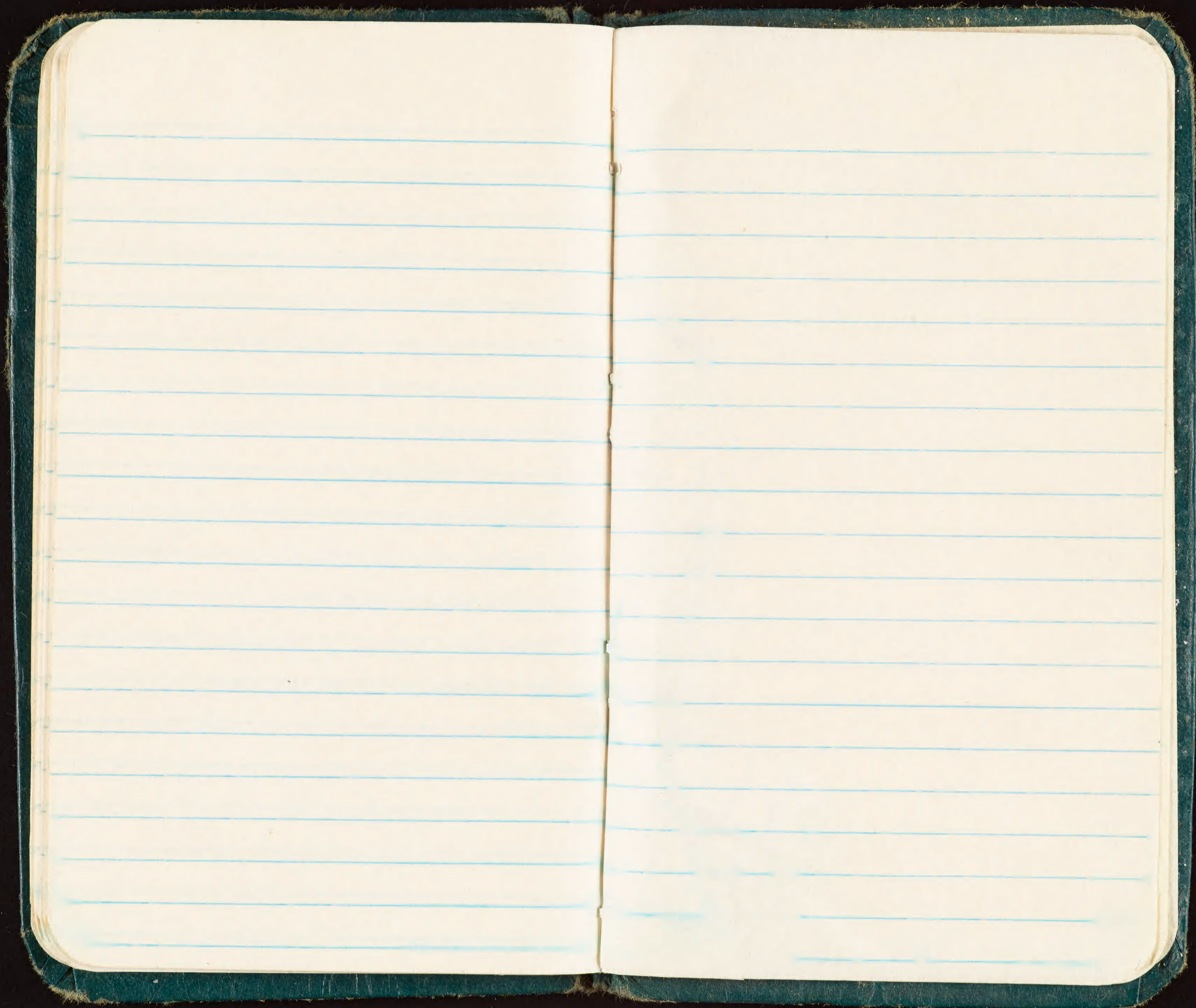
747-51309

✓

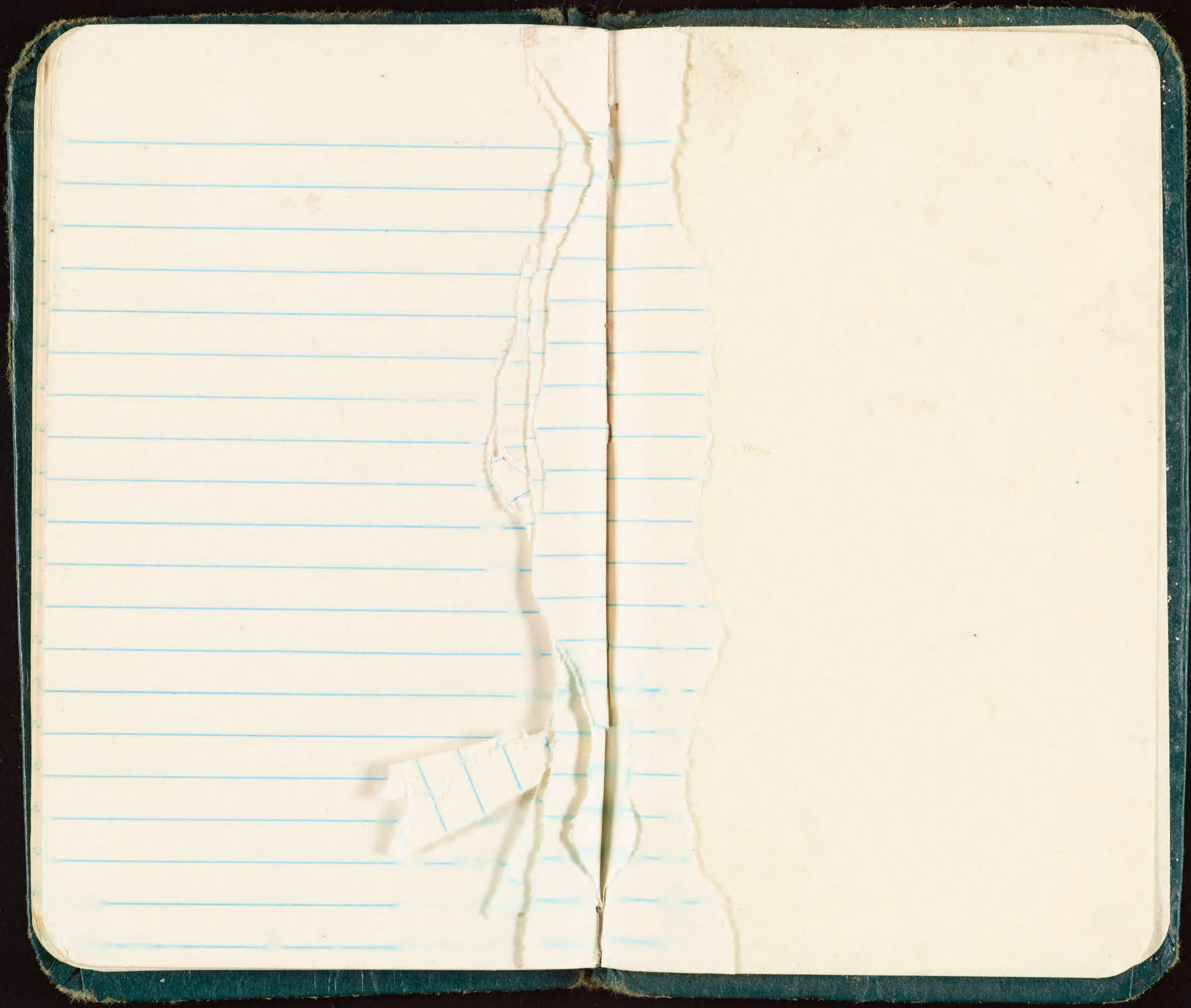


















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GPO 16--73124-1